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1921

# Catalogue

OF

SEEDS, BULBS  
and PLANTS

Insecticides, Fertilizers  
and Garden Requisites



## John Wilk

155 WEST 33rd STREET  
NEW YORK CITY



## TO MY FRIENDS AND CUSTOMERS.



N presenting my Spring Catalogue, I tender my thanks to all who have given me their support during the past season, and trust I will be again favored with their esteemed orders. I desire to call attention to the fact that all seeds, bulbs and plants are the best obtainable, and it shall always be my aim to supply only such goods as will give complete satisfaction to all.

The store location is 155 West 33d Street, across from the Penn. and L. I. station, and is very convenient to Long Island, New Jersey and Penn. commuters, traveling homeward from that point.

Remittances may be made by money order, check or registered letter. C. O. D. orders must be accompanied by not less than 25 per cent. of the amount of the order to guarantee acceptance.

**Correspondence Solicited.** Every inquiry will be given prompt attention. We ask that each inquiry be made as brief and clear as possible.

**Complaints.** All errors or omissions in the execution of orders will be satisfactorily adjusted if we are notified immediately upon receipt of goods.

**Head Gardeners and Assistants.** We have a list of competent applicants awaiting engagements. We shall be glad to furnish these names to those requiring the services of proficient men. We make no charge for this service.

Although I take every possible care to buy and supply only seeds and bulbs which are true to name and description, I still do not give any warranty, express or implied, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. Prices quoted are subject to change without notice.

Yours truly,

JOHN WILK.

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### WILK'S EVERGREEN MIXTURE

This mixture is made of re-cleaned seeds, free from chaff and weeds, and is of rich green velvety appearance, lasting throughout the entire Summer and Fall. Will thrive well on any soil, thus ensuring a beautiful and permanent lawn. Full directions for making a good lawn given with each order. One lb. (equal to about 2 quarts) will sow 15 x 20 feet (300 square feet). Lb. 45c., 3 lbs. \$1.25, 5 lbs. (or peck) \$2.00, 10 lbs. \$3.75, 20 lbs. (or bus.) \$7.50 (will sow one-fifth of an acre).

### CENTRAL PARK LAWN GRASS

A well-known mixture. Contains a large proportion of permanent grasses that grow quickly, producing a nice green lawn from 5 to 6 weeks after sowing. Central Park is very hardy and has always given entire satisfaction wherever sown. One lb. will sow 20 x 15 feet (300 square feet). Lb. 40c., 3 lbs. \$1.10, 5 lbs. (or peck) \$1.75, 10 lbs. \$3.25, 20 lbs. (or bus.) \$6.50.

### WHITE CLOVER

Is of dwarf habit, spreads rapidly and is very hardy. It is valuable in lawns and pastures. Sow in spring, 8 to 10 lbs. to the acre.  $\frac{1}{4}$  lb. 35c.,  $\frac{1}{2}$  lb. 60c., lb. \$1.00.

At the present time White Clover is extremely scarce and dear—price for large quantities on application.



# VEGETABLE SEEDS

*All varieties marked with a \* are of special merit.*

## ASPARAGUS

Seed should be sown early in Spring as soon as the soil is in good working condition. Every Fall a good dressing of coarse manure should be applied, and in the Spring forked in. When two years old transplant into permanent beds, ready for use the second year after planting.

One ounce will sow about 50 feet of drill.

**Bonvallet's Giant.** Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**Columbian Mammoth White.** The finest white Asparagus. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 75c.

**Giant Argenteuil.** This variety is only of late introduction; early and of large size. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**\*Palmetto.** The green Asparagus. Grows to a medium thickness. Lovers of the green variety should buy this. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 75c.

## Asparagus Roots

**\*Bonvallet's Giant.** 2-year-old roots. Doz. 25c., 100 \$2.75, 1000 \$20.00.

**Two-Year-Old Roots.** Doz. 25c., 100 \$1.50, 1,000 \$12.00.

**Three-Year-Old Roots.** Doz. 40c., 100 \$2.25, 1,000 \$15.00.

## ARTICHOKE

One ounce will produce 500 plants.

Sow seeds early in Spring, and when large enough transplant into rows 4 feet apart and 2 feet apart in the rows.

**Green Globe.** When cooked like Asparagus, makes a delicious dish. Pkt. 25c., oz. \$1.50.

**Jerusalem Artichoke Roots.** Qt. 15c., pk. \$2.00.



Beans, Masterpiece.

## BEANS

One quart will plant 100 feet of drill.

Plant about the first of May, in a light rich soil in drills 2 inches deep and 2 feet apart. Hoe well in dry weather to keep down the weeds. For a succession sow every two weeks.

If wanted by parcel post, add for postage 6c. per pint and 8c. per quart.

### Dwarf Green-Podded, or Snap Beans

**Sutton's Masterpiece.** Introduced by Sutton & Sons in 1910, and has proved to be a distinct advance on varieties previously grown. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. Pkt. 20c.,  $\frac{1}{2}$  pt. 35c., pt. 65c., qt. \$1.25.

**New York Prolific.** This new dwarf bean is one of the heaviest croppers yet introduced. It produces a mass of medium-sized, rich green fleshy pods, which are very crisp, and prac-

tically stringless. New York Prolific is very dwarf, with dark green foliage, and remarkably quick in growth. Pkt. 25c.,  $\frac{1}{2}$  pt. 40c., pt. 85c., qt. \$1.50.

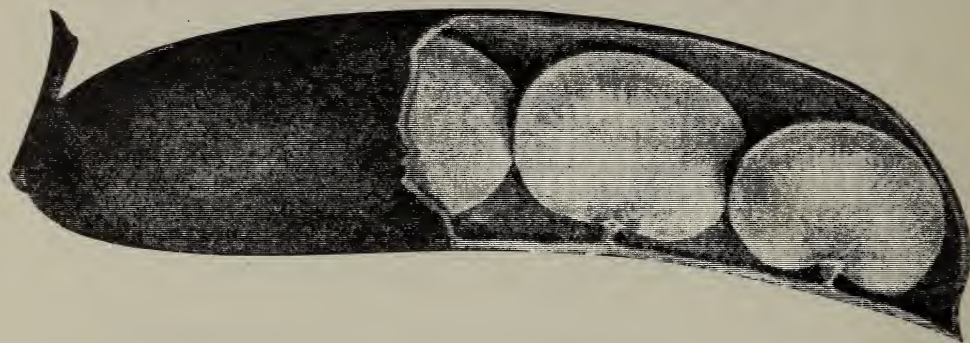
**\*Stringless Green Pod.** A very popular and prolific, round-podded Bean; entirely stringless. It is considered the best Bean for the home garden. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**\*Bountiful Stringless.** An extra early, flat-podded variety. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Improved Red Valentine.** An early Bean of good quality. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 55c.

**Black Valentine.** A better green Bean than Red Valentine. Very fine for frame and greenhouse forcing. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Full Measure.** A new main crop variety of bush bean—a Stringless Round, Green Pod Bean. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.



Bean, Carpintaria Pole Lima.

**Early Mohawk.** Long, straight, flat pods; early, hardy and productive. Fine variety for under glass. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Refugee, or 1000 to 1.** Similar to Red Valentine. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**\*Longfellow Round Pod.** Very handsome, green pods, 6 to 7 inches long. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**\*Wilks Wonderful Forcer.** Unsurpassed for greenhouse or frame forcing. Pods are beautifully round shaped; fully 7 to 8 inches long. Pkt. 25c.,  $\frac{1}{2}$  pt. 35c., pt. 60c., qt. \$1.00.

**Giant Stringless Green Pod.** This bean is absolutely stringless. The pods are round and full. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Dwarf Horticultural (Cranberry Bean).** A late variety; heavy yielder. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**English Broad Windsor.** Used as a shell Bean when green. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

### Dwarf Wax Beans

**Wardwell's Kidney Wax.** A flat pod, brittle and entirely stringless. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Improved Golden Wax.** Medium early. Very heavy cropper; rich, buttery flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**\*Davis White Kidney Wax.** A very handsome, early wax Bean. Pods are 7 inches long and of a waxy white color; excellent flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Round Pod Kidney Wax.** (Brittle Wax.) Similar to Wardwell's Kidney, but with round pods. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Pencil Pod Black Wax.** A round wax Bean, from 6 to 7 inches long and the thickness of a pencil; very tender. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Hodson Wax.** Medium early and a great yielder, resembling Davis Kidney Wax. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Refugee Wax Stringless.** A perfect Refugee, with brittle, wax pods; for early or late sowing; immense yielder. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

### Bush Lima Beans

One quart will plant 90 feet of drill.

**Burpee's Improved Bush Lima.** (New.) An improvement on the old strain of Burpee's Bush Lima. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

**\*Fordhook Bush Lima.** The best potato Lima grown; very thick bean. Good yielder. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

**Henderson's Bush Lima.** Very productive. Lovers of small Lima Beans find in this variety what they want. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Dreer's Bush Lima.** Very prolific. A great Bean in dry seasons. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

**\*New Wonder Bush Lima.** The standard variety for general garden purposes. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

### Pole Lima Beans

One quart will plant 90 hills.

**\*Challenger Pole Lima.** An early variety of excellent quality and great productiveness. The quality is exceedingly fine, the Beans cooking rich and mealy. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

**Extra Early Jersey Pole Lima.** An old standard kind. Early; small pods. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**\*Early Leviathan.** Ripens earlier than any other Pole Lima. Good bearer and fine flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 80c.

**King of the Garden Lima.** A well known Lima of excellent quality. Large in pod and bean. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 70c.

**Siebert's Early Lima.** Pods medium large; bean fine flavored. A good variety for the northern climate. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

**\*Carpinteria Pole Lima.** The green-seeded, large Pole Lima. Very strong grower; bean very broad and of medium thickness. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

### Other Pole, or Running Beans

**\*Old Homestead, or Kentucky Wonder.** Pods, 6 to 8 inches long, fleshy and stringless. Considered the best green Pole Bean. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**White Creaseback.** Early; long, round, green pods bean white. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Dutch Case-Knife.** Early; long, flat, green pods. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Horticultural Cranberry.** Early; fine snap or shell Bean. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 60c.

**Scarlet Runner.** Very ornamental. A good snap or shell Bean. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.



**Kentucky Wonder Wax.** The best pole wax bean; it is similar in habit of growth to Kentucky Wonder Green Pod; and bears as early. Pods are beautiful golden yellow and fleshy, makes delicious eating. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 60c.

**French Yard Long.** An extra ordinary long podded pole bean, seeds scarce. Pkt. 50 seeds 25c.

### Shell Beans

Note.—Most of these have a tendency to send out runners or trailers but do not need staking.

**WHITE NAVY, or BOSTON PEA BEAN.** We recommend that a small patch in your garden be given over to its culture to provide a supply of winter beans. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

**WHITE MARROW.** This variety is also used as a snap bean, medium large and of fine quality and appearance. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 55c.

**RED KIDNEY.** An excellent variety for baking. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 50c., qt. 90c.

**VIOLET KIDNEY.** Similar to above but violet in color. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 60c.



Beet, Detroit Dark Red.

### BEETS

One ounce will sow 40 feet of drill.

My Beet Seeds are procured from the best English and French growers.

For early use sow as soon as the ground can be worked in a rich, light soil which has been well manured, in drills one foot apart and two inches deep. For main crop, sow in May, and for Winter use in June. When the plants are well forward, thin out to about six inches.

**Wilk's Early Wonder.** Extra early, perfect in shape, flesh rich deep crimson. Pkt. 10c., oz. 25c., 2ozs. 45c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.

**\*Extra Early Crosby's Egyptian.** Very early; good quality; medium size; fine forcer; small top. Pkt. 10c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Edmand's Early Blood Turnip.** A good variety to follow Crosby's Egyptian, and one of the best for Winter keeping. Pkt. 5c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.75.

**\*Crimson Globe.** Remarkable for its smooth skin and fine shape. A second early variety; very dark flesh. Pkt. 10c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**\*Detroit Dark Red.** One of the finest deep red Beets; medium size; easy grower. Try this variety. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Electric.** A little later than Egyptian. Flavor delicate and very sweet. Pkt. 10c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Eclipse.** Globular shape; very small tops. A good all-around variety. Pkt. 10c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**Half-Long Blood Red.** A splendid Winter variety; very sweet, tender and crisp. Pkt. 10c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.



Swiss Chard, Cut and Come Again

**Swiss Chard Beet, or Cut-and-Come-Again Spinach.** Cultivated largely for its broad leaves, which are used the same as Spinach. Pkt. 10c., oz. 15c., 2 oz. 25c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Giant Lucullus Swiss Chard.** The mid ribs are very broad and are a good substitute for Asparagus during Summer. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

### Mangel-Wurzel, or Stock Beet

Six pounds will sow one acre.

**\*Long Red Mammoth.** The largest and heaviest cropper of all the Mangels. Splendid dairy feed. Bright red skin. Oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Golden Tankard Smooth Beet.** Yellow flesh; grows about 12 inches long and 5 inches in diameter. Oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.



## Broccoli

Cultivate same as Cauliflower.

**Extra Large White Mammoth.** Large, compact heads. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Purple Cape.** Resembles Algiers Cauliflower. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 50c.



**Brussels Sprouts, Half Dwarf Paris Market**

## Brussels Sprouts

One ounce will produce 2000 plants.

Bear small sprouts resembling miniature Cabbages. Culture same as for Cabbage. The flavor is much improved by a touch of frost.

**\*Half Dwarf Paris Market.** Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.

**Dwarf Improved.** Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.

**Tall Improved.** The tallest, and a good bearer Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.

## Cardoon

Used for salads and in soups. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

## CHERVIL

Excellent for garnishing and for flavoring soups. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

## CHICORY

**\*Witloof, or French Endive.** The roots are stored in the Fall until wanted for growing on during the Winter. The tops when blanched make delicious salad. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Large Magdeburg (Rooted).** Cut roots in thick slices; roasted and used for coffee. Leaves in the Spring make a fine salad. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

## CABBAGE

One ounce will produce 1500 plants.

Cabbage requires a deep, rich, loamy soil. For early use, sow the seed in hotbeds in February or March. Transplant in Spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches to 2 feet apart according to variety. For Winter use, the seed should be sown in May, and the plants set out in July.



Cabbage, Earliest of All.

## Early and Second Early Sorts

**Earliest of All.** The earliest cabbage and the best in quality of all the early varieties; of medium size, very firm at the heart, with very few outer leaves. Pkt. 25c., oz. \$1.00.

**\*Selected Early Jersey Wakefield.** The most popular early variety; well known. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.

**Early Winnigstadt—**Sure to head, regular, conical shape; a good keeper winter or summer; one of the best for general use; imported seed only. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Early Summer.** Large, solid, flat head. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.

**Succession.** A second early. Good keeper and of excellent quality. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.

**Danish Summer Ball-Head.** Resembles the Winter Ball-Head very closely, only is smaller and little flatter on top. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Early Flat Dutch.** A standard second early variety, weighing from 10 to 12 pounds. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**\*Copenhagen Market.** A new early flat head. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

**\*Enkhuizen Glory.** A real early variety producing large ball-shaped heads. One of the best early sorts. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.

## Late, or Main Crop Sorts

**\*Danish Ball-Head.** The most popular of the late varieties; very hard. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.

**Autumn King.** Same as Flat Dutch in shape; good cropper. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.

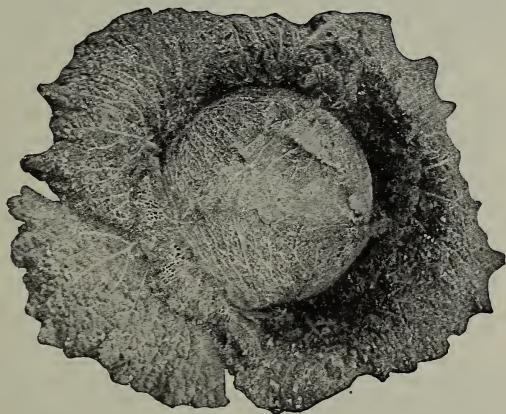
**\*Dutch Winter, or Hollander.** The best shipping variety; very popular. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Large Late American Drumhead.** Another favorite Winter variety. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Cabbage Danish Late Ball-Head****CORN SALAD**

One ounce will sow 75 feet of drill.

**Large-leaved Feticus** (Mache. Stecksalat). Used in Winter in place of Lettuce. Sow beginning of September. Very hardy. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. \$50c.

**Cabbage, Drumhead Savoy.****Savoy Cabbage**

These are the best of all Cabbages as regards quality and flavor. Once planted they are always sown again the next season.

**Early Ulm Savoy.** Very early; medium size. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Late American Drumhead Savoy.** Standard main crop. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Red Cabbage**

**Dark Red Dutch.** The old standard red. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Mammoth Rock Red.** The best large Red Cabbage. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Red Zenith.** Medium early sort. Pkt. 5c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**WONG BOK****A Great Vegetable From China**

This is the famous Chinese Celery Cabbage. The plant as trimmed for eating is about five inches in diameter by twelve inches long. It has wide mid-ribs at the base and merges into crisp tender leaves at the top, the whole being very compact and heavy. It blanches to almost clear white.

Wong Bok has a mild cabbage flavor, very delicate and delicious. It belongs to the cabbage family, being a brassica. Although not a new thing, Wong Bok has only just become known in the Eastern markets and has taken the market-garden trade by storm.

Only imported Chinese grown seed is reliable for good bunching heads.

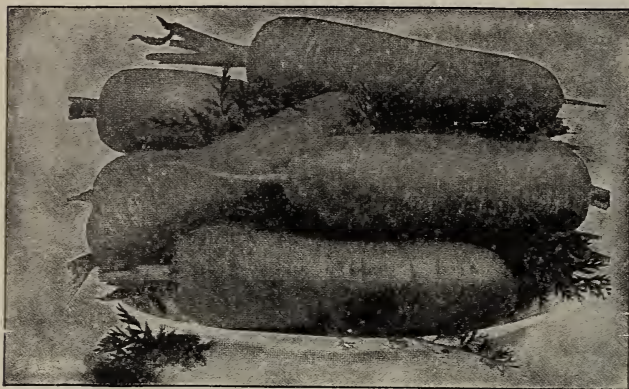
The culture for Wong Bok is the same as for Winter Cabbage. The seed should be sown in July or early August, and early in September the plants should be transplanted. They should be set one foot apart in the row and pushed down one and one-half inches in the ground. When well grown the plants should be blanched by tying closely with burlap. Any good soil is sufficient, but they seem to head up best on rich black adobe soil. Pkt. 20c.,  $\frac{1}{2}$  oz. 60c.

**Improved Chinese Cabbage (Pe-tsai)**

In growth this plant is more like a Cos Lettuce than a real Cabbage. It forms a tall, fine head, often weighing 4 pounds. Flavor very mild. It may be eaten raw as salad, or boiled, minced and seasoned with butter. Should be sown during Summer for use in Autumn or Winter. Pkt. 5c., oz. 35c.

**Cabbage, Wong-Bok.**





New York Earliest Forcing

**CARROTS**

For early crop sow as soon as the ground can be worked. Thin the young plants to 2 inches apart.

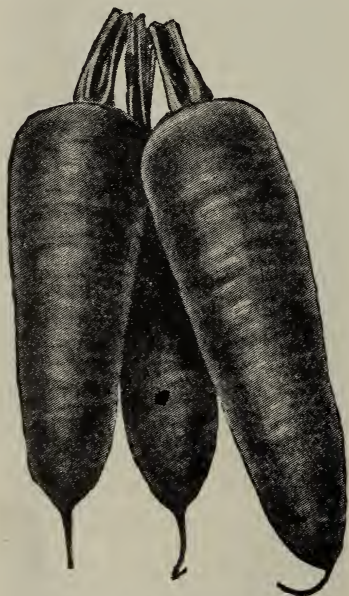
**\*New York Earliest Forcing.** The earliest carrot grown fine for frames and early out-doors, coreless and about 3½ to 4 inches long. Pkt. 10c., oz. 50c., ¼ lb. \$1.25.

**French Early Forcing.** Tender and sweet; fine early sort. Pkt. 10c., oz. 20c., ¼ lb. \$60c.

**Early Scarlet Horn.** Larger than French Early Forcing. Pkt. 10c., oz. 20c., ¼ lb. 60c.

**Oxheart, or Guerande.** Color deep red; tender and of good flavor. Pkt. 5c., oz. 20c., ¼ lb. 60c.

**\*Half Long Chantenay.** Grows about 7 inches long; very smooth; deep red; excellent cropper. Pkt. 10c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

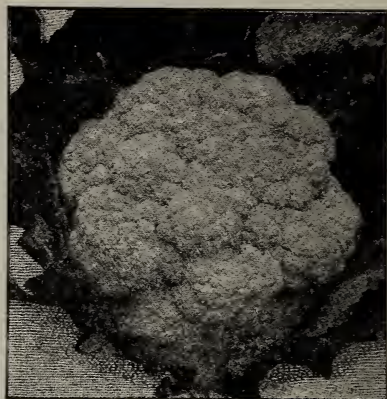


Danvers Half Long

**Danvers Half-Long.** Rich orange color; large, of good quality and very productive. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$1.75.

**\*Long Red Surrey.** A beautiful long Carrot; fine for exhibition. Pkt. 10c., oz. 25c., ¼ lb. 75c.

**Long Belgian Orange.** A fine Carrot for stock feeding. Oz. 15c., ¼ lb. 50c., lb. \$1.50. enough for 1 acre.

**CAULIFLOWER**

One ounce will produce 2000 plants.

Sow the seed in a hotbed in January or February. Culture same as for Cabbage. Water freely in dry weather, especially when they begin to head.

**\*Extra Early Snowball.** The best Cauliflower in cultivation for exhibition and table purposes. Pure white and very firm. Cannot be too highly recommended. Pkt. 25c., ¼ oz. \$1.50, ½ oz. \$2.50, oz. \$4.50.

**Earliest Dwarf Erfurt.** One of the earliest; compact, large-sized heads. A variety of special merit. Pkt. 15c., ¼ oz. \$1.25, ½ oz. \$2.25, oz. \$4.00.

**\*Danish Early Snowball.** A second early variety producing splendid white heads of the finest quality. Pkt. 25c., ¼ oz. \$1.50, ½ oz. \$2.50, oz. \$4.50.

**Dry Weather.** A variety specially adapted for sections subject to long dry seasons. A second early variety. Heads are pure white and larger than Snowball. Pkt. 25c., ¼ oz. \$1.25, ½ oz. \$2.25, oz. \$4.00.

**Autumn Giant.** For Fall use. Immense heads of excellent quality. Pkt. 10c., ¼ oz. 30c., ½ oz. 50c., oz. \$1.00.

**CELERIAC (Turnip-Rooted Celery)**

A popular German vegetable. The roots, which are used in salads or boiled like Parsnips or turnips, have a Celery flavor that is pleasant to those who like Celery. These roots keep well all Winter.

**Giant Prague.** The best Celeriac in existence. Large, smooth roots. Pkt. 10c., ½ oz. 20c., oz. 35c.

**Large Erfurt.** A standard variety. Pkt. 5c., ½ oz. 20c., oz. 35c.

**CELERY**

One ounce will produce 2500 plants.

Sow seed early in April, in an open border, in good rich soil, in drills 8 inches apart. Transplant to trenches, 3 feet apart and 6 inches apart in the rows. The beds should be occasionally watered in dry weather.

My Celery seeds are obtained from specialists abroad, and I am sure no better can be obtained.





Celery, White Perfection.

\***Golden Self-Blanching.** An early variety, requiring little labor to blanch. Heart rich golden yellow, outer leaves yellowish green. French selected stock. Pkt. 25c.,  $\frac{1}{2}$  oz. 60c., oz. \$1.00.

\***White Plume (Perfected).** Recognized as the best of all white varieties. Very tender, crisp, and fine flavored. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.

**Perfection Heartwell.** Magnificent, large, golden-yellow heart, of very superior quality; excellent winter sort. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**White Perfection.** A splendid new white celery that we consider is an advance on existing varieties. It is very suitable for the private garden. Producing firm, fine "heads" clean at the base, and very crisp and solid in the stalk. It is compact in habit and of a strong and vigorous constitution. We can recommend it as a fine, very select stock of white celery that will give satisfaction. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**Boston Market.** Of dwarf branching habit, solid, crisp and fine flavor. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**Giant Pascal.** Stalks very large and solid. Bleaches very easily. The best sort for Fall and Winter. Pkt. 5c.,  $\frac{1}{2}$  oz. 10c., oz. 20c.

\***Winter Queen.** Recognized as a splendid Winter sort. Very large heart. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**Columbia.** A very fine variety for home market and private gardens. The stalks are very thick and almost round. It blanches to almost golden yellow and the foliage is light green, blanching to quite a yellow tint. It has a decidedly nutty flavor, of very superior quality. Pkt. 10c., oz. 30c.

**Giant Golden Heart.** An excellent Winter variety. The best for storage. Large and sweet; color beautiful golden yellow. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**Pink Plume.** Similar to White Plume, only slightly tinged with pink. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**Soup, or Flavoring Celery.** Used in soups, stews, etc. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.

### CRESS (Garden and Water)

One ounce will sow 100 feet of drill.

Sow early in Spring in shallow drills, every three weeks for a succession. Water Cress in moist situation or by the side of a stream.

**Upland Cress.** Pkt. 5c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.

**Water Cress.** Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.

### COLLARD

**Georgia.** A variety of Cabbage used in Southern States. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.



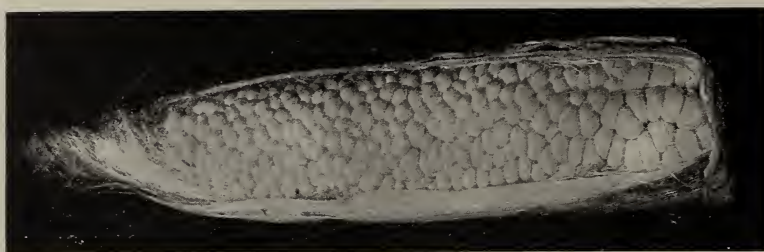
Sweet Corn, Aristocrat.

### SWEET CORN

One quart will plant 200 hills.

Plant Sweet Corn as soon as ground becomes warm, about first of May.

If wanted by mail add 6c. per pint, and 8c. per quart for postage.



Sweet Corn, Country Gentleman.

### Early Varieties

**Charlevoix.** An early yellow variety. Ears about 7 inches long, eight-rowed; very fine flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 40c., qt. 75c.

**Aristocrat.** This delicious Sweet Corn is a reliable extra early sort, ripening with Cory; grows 4 to 6 feet high, and ears are of large size, measuring 8 inches in length, and extremely sweet. Pkt. 15c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

**\*Mammoth White Cory.** Early, sweet, and of good size. Ears and grains are of medium size, broad, sweet and very white. Cannot be too highly recommended. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

**Golden Rod.** Is a cross between Golden Bantam and Stowell's Evergreen. Ears medium size, of a beautiful golden color, flavor delicious and appetizing. It is a prolific bearer. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 30c., qt. 55c.

**\*Golden Bantam.** About a week later than Mammoth White Cory. Golden yellow color, very sweet, tender and of delicious flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 30c., qt. 55c.

**Malakoff.** About a week earlier than Mammoth White Cory. One of the earliest real Sweet Corns; stalks and ears small. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.

**Howling Mob.** Is ready for use five days later than the extra-early Cory when both are planted at the same time, but the ears are much larger in size, grains much whiter and sweeter. An early variety of large size. Pkt. 15c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 60c.

**Early Minnesota.** An old-time favorite. Eight to ten rowed; large, white grains and very productive. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

### Second Early Varieties

**\*Early Champion.** Undoubtedly the best of the second early varieties. Ears are of the late Evergreen type; kernels of medium size and 12 rowed. Very vigorous grower, yielding as many as 3 ears to the stalk. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

**Early Mammoth.** A Corn of good size, sweet and productive. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

**Metropolitan.** A little earlier than Early Champion, but not as large. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

### Medium and Late Varieties

**Stowell's Evergreen.** Standard main crop. Very strong grower; produces ears 8 inches long, with 14 or more rows of very sweet, sugary grains. Being well known it does not need

more recommendations. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 30c., qt. 60c.

**\*Wilks Narrow Grained Evergreen.** About a week earlier in maturing than Stowell's, not quite as large an ear but of better quality. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**\*Bantam Evergreen.** A cross between Golden Bantam and Stowell's Evergreen. It has the sweet qualities of Golden Bantam, and more tender skin than Evergreen. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

**Early Evergreen.** Earlier than Stowell's by 10 days and a surer cropper in northern localities. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

**\*Country Gentleman.** The finest Sweet Corn grown. Should be in every garden. Grains are small, pure white, tender and deliciously sweet. Grows 6 to 7 feet high. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 60c.

**Black Mexican.** Very sweet and of superior flavor. Grains bluish purple to black and rather flat. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c.

### Special Offer of Sweet Corn

If you want Sweet Corn throughout the season, plant Mammoth White Cory for early, Early Champion for medium, and Stowell's Evergreen for late.

One packet of each of the 3 varieties for 25c.

One pint of each of the 3 varieties for 75c.

One quart of each of the 3 varieties for \$1.40.

### DANDELION

One ounce will sow 150 feet of drill.

This is one of the most desirable early Spring salads. Sow in May, in drills half an inch deep; thin out to 6 inches.

**Improved Large-Leaved.** Pkt. 10c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

### CUCUMBER

One ounce will plant 50 hills.

For early Cucumbers sow seed in hotbeds, or in small pots, so they can be readily transplanted to the open ground. Plant out in rich soil when danger of frost is over. For general crops, sow in the open ground as soon as the weather is settled and warm. For pickles, sow from the middle of June to the first week in July. Plant in hills 4 feet apart, putting a shovelful of well-rotted manure in each hill.

### English Forcing Cucumber

**Telegraph.** A standard forcing variety. English grown seeds. Pkt. 20 Seeds 35c.

**Model.** Immense size, straight and smooth. Pkt. 12 seeds 15c., 25 seeds 25c., 75 seeds 65c.

**Lockie's Perfection.** Dark green; very prolific. Pkt. 25c.





Cucumber, Extra Early White Spine

**\*Extra Early White Spine.** An improved strain of White Spine. Fruit straight, of light green color. A heavy yielder. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Lemon Cucumber.** The best of any we know for table use. Very tender and brittle and never bitter. It always pleases. Pkt. 10c., oz. 25c.

**Improved Long Green.** Those who desire a long, dark green Cucumber will find this variety the best. Excellent for pickles. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**\*Fordhook Famous.** Very handsome. From 10 to 16 inches long; color dark green, never turning yellow. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Extra Long White Spine.** A longer variety than Extra Early White Spine. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Rocky Ford or Klondike.** A splendid keeper and good shipper. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Cool and Crisp.** Early and prolific. Fine for pickling. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.20.

**West India Gherkin.** A very small, oval, prickly sort. It is grown for pickling only. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.



Jersey Pickle.

**\*Improved Jersey Pickle.** Very prolific. Splendid sort for pickling. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Extra Early Green Prolific or Boston Pickling.** Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Cumberland Pickle.** Flesh very firm, crisp and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Japanese Climbing.** A quick climber. Fruits are of good size and fine flavor. Does best in dry, warm Summers. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

## ENDIVE

One ounce will sow 150 feet of drill.

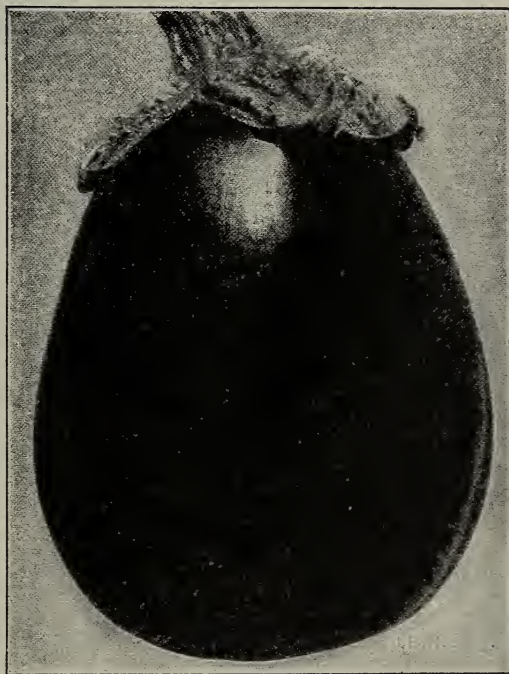
For first crop sow about the middle of May, and for succession in June and July.

**\*Broad-Leaved, or Batavian (Escarolle).** Long, broad-leaved; hearts of pure golden yellow. Fine for salads. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Green Curled Winter.** Finely curled; easily blanched. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Staghorn.** The very best for early growing. Fine for planting in hotbed to be transplanted outdoors. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**\*White Moss Curled.** Very tender. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.



Egg Plant, New York Improved Purple.

## EGG PLANT

One ounce will produce about 750 plants.

Seeds should be sown in hotbeds early in Spring and transplanted when about 3 inches high. Do not set out until the weather is perfectly settled and warm.

**\*Improved New York Large Purple Spineless.** Large, smooth fruits and of rich purple color. Pkt. 10c., oz. 60c.

**Black Beauty.** Earlier than Improved New York by 10 days. Pkt. 10c., oz. 60c.

**\*Extra Long Purple.** Very early, fruit 6 to 8 inches long, 2 to 3 inches in diameter. Pkt. 10c., oz. 40c.

**White Chinese.** A distinct variety with long slender white fruit. Late. Pkt. 15c., oz. 50c.





Kohlrabi, Delicious.



Lettuce, Big Boston

## KALE, or BORECOLE

One ounce will produce 2000 plants.

Sow and cultivate like Cabbage.

**\*Dwarf Green Curled German.** Very curly, tender and of fine flavor. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c.

**Dwarf Green Scotch.** Very dwarf and compact. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c.

**\*Siberian Kale, or Sprouts.** Very hardy; ready for use early in Spring. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**\*Tall Green Scotch.** Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.  
**Sea Kale.** Stalks are blanched and cooked like Asparagus. Pkt. 15c., oz. 60c.

## KOHL-RABI

One ounce will sow 200 feet of drill.

Sow the seed in May in rows 8 inches apart. Transplant as Cabbage, but in hoeing be careful not to throw earth into the heart of the plant or the bulb will not mature properly.

**\*Wilk's Extra Large Delicious.** A white Kohlrabi of vigorous growth, producing very large-sized bulbs, which keep well and are of fine flavor. A late variety, valuable for Fall and Winter use. Fine for exhibition. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Early White Vienna.** Handsome, early variety; bulbs of medium size and of very fine flavor. A good forcing variety for very early use. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c.

**Early Purple Vienna.** Differs very little from White Vienna, only in color, which is purple; flesh white. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c.

## LEEK

One ounce will sow 200 feet of drill.

Sow early in Spring in drills 6 inches apart and 1 inch deep. When about 6 inches high transplant them in rows 12 inches apart and as deep as possible, but do not cover the young center leaves. Water if dry when planting out.

**Monstrous Carentan.** A very hardy variety. Very thick, often 3 inches in diameter. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**Bulgarian Winter.** The most desirable of Leeks. Enormous size. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**\*Broad Scotch, American, or London Flag.** Most desirable for family use. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

## LETTUCE

One ounce will sow 150 feet of drill.

Sow the seed in hotbeds in February or March, and transplant out in rows 8 inches apart as soon as the ground can be worked. Thin out well, so the plants will be strong.

**\*Big Boston.** Large heading, early variety. The most popular in the Eastern States for outdoor crop. The leader of all varieties. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**\*Early Head May King.** Heads of medium size; hearts beautiful yellow, excellent quality. Fine for frame and early forcing. Pkt. 10c., oz. 25c., 2 ozs. 45c.,  $\frac{1}{4}$  lb. 75c.

**\*Wilk's Standard.** A Lettuce of extraordinary size and duration; very tender and of excellent flavor. A fine Summer variety. Pkt. 15c.,  $\frac{1}{2}$  oz. 30c., oz. 55c.,  $\frac{1}{4}$  lb. \$2.00.

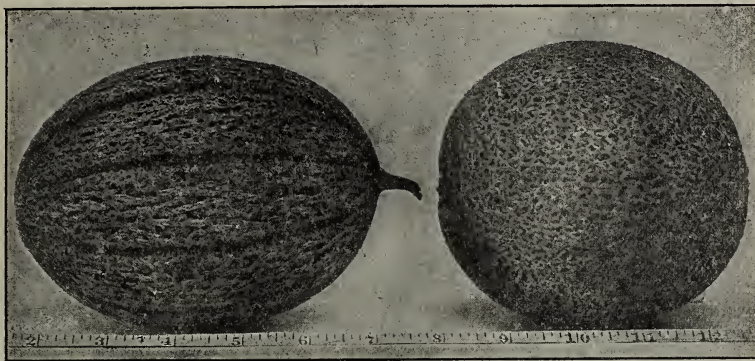
**Large White Summer.** A fine variety for early Summer. Pkt. 5c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c.

**\*All Season.** A good, solid header, for all-year-around planting. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**California Cream Butter.** Heads of medium size. One of the best for Summer planting. Stands the heat better than any other Lettuce. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Salamander.** Large; used for Fall crop. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Maximum, or Immensity.** One of the largest and most solid head. A good heat-resisting variety. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.



Melons, Caroline Clark—Tip Top.

**Improved Hanson.** An excellent lettuce of well known and highly approved quality. Large, well formed, globe shaped head of broad leaves, so compact that the inner ones are almost white. Leaves are beautifully curled and crinkled, very tender and sweet. Popular for midsummer planting outdoors, having great heat and drought resisting qualities. A sure header always reliable. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**New York.** Another good Summer variety. Very large. Pkt. 10c., oz. 40c., 2 ozs. 75c.,  $\frac{1}{4}$  lb. \$1.35.

**Golden Queen or Buttercup.** Ranks first amongst the yellow lettuce, solid and of extra quality. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Mignonette.** Distinct russet colored, very solid, compact and crisp. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Tennis Ball (Boston Market).** White seeded. A good forcing sort. Pkt. 10c., oz. 25c., 2 ozs. 35c.

**Iceberg.** Morse's. A large heading variety; crisp and brittle, and color bright green, lightly tinged with brown on top of the head; leaves curled on the edges. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

### Curled, or Loose-Leaved Varieties

**Grand Rapids Forcing.** The best of the curled Lettuce for frames and greenhouses. Pkt. 5c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Black-Seeded Simpson.** Very tender and crisp. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Early Curled Simpson.** A standard early sort. Pkt. 5c., oz. 15c., 2 ozs. 25c.,  $\frac{1}{4}$  lb. 40c.

### Romaine, or Cos Varieties

**\*Wilk's Jumbo White Cos.** The finest Cos Lettuce. A distinct Summer variety of enormous size. Fine for exhibition. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Trianon.** An early white Cos Lettuce. Leaves are narrow, forming close heads. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Paris White Cos.** Grows to a very large size. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

**Express Cos.** The best dwarf and earliest of all. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

### MUSK MELON

One ounce will plant 60 hills.

Musk Melons thrive best in light, rich soil. Plant early in May, when ground has become warm and dry, in hills 6 feet apart each way.

**Caroline Clark.** Finely netted, salmon fleshed of delicious flavor. Blight proof. Pkt. 15c.,  $\frac{1}{2}$  oz. 35c., oz. 50c.

**\*Emerald Gem.** One of the sweetest Melons. Flesh delicate salmon. Should be in every home garden. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**\*Osage (True).** Coconut shaped; yellow flesh; netted skin. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Honey Dew.** Large round to oval shape, skin smooth, hard and nearly white, flesh light green. Honey flavor. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c.

**Tip Top.** One of the best known of the deep yellow or salmon flesh varieties. The fruits are large, nearly round, slightly ribbed and lightly netted over a light yellow skin. Very highly flavored and gives general satisfaction. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**The Hoodoo.** The seed cavity is very small, the rind very thin, fleshy part very thick and meaty. Hoodoo is of orange or salmon color, small size and of most delicious flavor. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Extra Early Hackensack.** One of the earliest, hardiest and most prolific Melons grown. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Rocky Ford.** The well-known Melon, seen so frequently in our markets. Thick, green flesh of most delicious flavor. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Paul Rose.** Handsome, oval variety. Rich orange flesh. Earlier than Osage by ten days. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Jenny Lind.** A popular Melon. Fruit medium size. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**Cassaba or Winter Musk Melon.** The Cassaba has come to stay. To some extent the Cassaba flavor is an acquired taste, but judging from the increasing popularity of the two varieties we list, an immense population is acquiring the taste. One now sees these Cassabas in all the Eastern markets, and they are on the bills of fare of all the finest restaurants. They are plentiful as late as February, when all other fruits are rare. Culture is the same as for muskmelon.





Mushroom, American Pure Culture

**Golden Beauty.** This one we recommend as the best. It begins to ripen in July and continues bearing and ripening all summer and fall, or until frost comes. The later fruits can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January or early February. Golden Beauty is bright yellow, about globular, with wrinkled skin, slightly pointed at the stem end. As we said in our description last year, it resembles a plum pudding in a yellow bag, cut off at the top. The fruits are about six to eight inches in diameter. The flesh is pure white and very thick. Pkt. 15c., oz. 35c.

**Winter Pineapple.** This is the best of the later ripening winter varieties. As it ripens late on the vines, it can be kept for a longer period in the cellar. The fruits are very solid and heavy, about 10 to 12 inches in diameter, thick at the base and tapering at the top. The color is deep sea green, with mottled white and green at the bottom. Pkt. 15c., oz. 35c.

### English Forcing Musk Melons

**Emerald Gem.** Handsome fruits, flesh very thick of green flesh color. Pkt. 50c., 3 Pkgs. \$1.00.

**Superlative.** A beautiful medium size netted Melon. Flesh scarlet. Pkt. 50c., 3 Pkgs. \$1.00

**Windsor Castle.** The best tasting green fleshed melon. Very rich in flavor. Pkt. 50c., 3 Pkgs. \$1.00.

**Oyster Bay.** A variety obtained to perfection in five years. Salmon. Award of merit May, 1915. Very sweet, of medium size. Pkt. 50c., 3 pkgs. \$1.00.

### MARTYNIA (For Pickles)

Should be pickled when about half grown. Makes a very fancy pickle. Pkt. 10c., ½ oz. 25c., oz. 40c.

### MUSHROOM SPAWN

Cultural Directions given with each order.  
**American Pure Culture.** Direct inoculation. The finest quality. Bricks 35c. each, 5 bricks \$1.50, 10 bricks \$2.75, 25 bricks \$6.00, 100 bricks \$22.50.

### WATER MELON

One ounce will plant 40 hills.

Cultivate same as Musk Melon, except that they should be planted 8 or 10 feet apart, according to variety.

**Cole's Early.** Flesh fine red color; very sweet, crisp and delicious. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 85c.

**Kleckley's Sweet.** Sweetest of all. Oblong shape; flesh bright scarlet. Pkt. 5c., ¼ lb. 25c., lb. 85c.

**Red-Seeded Citron.** Used for preserving only. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.

**Green-Seeded Citron.** Used for preserving only. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 90c.

### MUSTARD

One ounce will sow 75 feet of drill.

Sow thickly during early Spring, in shallow drills 12 inches apart. For Fall use, sow in September.

**Chinese, or Southern Giant Curled.** Large-leaved Mustard, eaten boiled like Spinach. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

**White London.** For general use. Pkt. 5c., oz. 20c. ¼ lb. 50c., lb. \$1.00.

### OKRA, or GUMBO

One ounce will plant 100 hills.

The pods, when gathered young, are used in soups and stews. Sow middle of May, in drills 3 feet apart, and thin out to 1 foot apart in the row.

**\*White Velvet.** The largest of all Okras. White. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.00.



**Tall Perkins' Mammoth.** Pods 4 to 5 inches long; handsome green color. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60.

**Dwarf Green.** Grows low; very productive. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.



Onion, Southport White Globe.

## ONIONS

One ounce will sow 100 feet of drill.

Onions do best in a rich, sandy soil; sow in drills 1 foot apart, as soon as the ground can be worked in Spring. Thin to 3 or 4 inches, using the hoe frequently to keep down weeds. The largest Onions are produced by sowing the seed in a hotbed in February or March, and transplanting the seedlings to the open ground.

**\*The Victoria Cross (New).** The highest type of yellow exhibition long-keeping onion. New selection. Very large indeed. Pkt. 50c.,  $\frac{1}{2}$  oz. 80c., oz. \$1.50.

**\*Ailsa Craig.** The most popular large Onion grown. Oval shaped, with straw-colored skin. Fine for exhibition. My seed of this variety has been obtained from the best growers in England. Pkt. 35c.,  $\frac{1}{2}$  oz. 60c., oz. \$1.00,  $\frac{1}{4}$  lb. \$3.75.

**\*Giant Gibraltar or Spanish.** Fine exhibition variety of mild, sweet flavor. True Strain. Pkt. 15c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Prizetaker.** Same type as the large Spanish Onion. Very mild flavor. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**\*Southport White Globe.** The best pure white Onion grown. True globe form, ripening early. A very good keeper. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Southport Yellow Globe.** Main crop, late Onion. Very handsome and a very good keeper; none better. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Southport Red Globe.** Beautiful crimson color; same shape as White Globe. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Yellow Globe Danvers.** Skin dark orange yellow; flesh pure white. Several weeks earlier than the Southport Yellow Globe. Excellent quality. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Large Red Wethersfield.** An early flat variety. Very large and good keeper. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**White Portugal, or Silver Skin.** Mild flavored. Extensively used for pickle and set Onion. Very valuable for early Spring use. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Italian Onion White Barletta.** Small, pure white variety. For pickling purposes it is unequaled. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.50.

**Giant Rocca.** A large globe shaped onion. The flesh is very sweet and mild. This variety ripens evenly and does well in Northern climate. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.50.

**Early White Welsh.** Does not form a bulb. The best kind for green table Onions. Sow in May to have scallions from August till frost. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

## Onion Sets

One quart will plant 75 feet of row.

Onion sets should be planted early in Spring in rows 12 inches apart and 4 inches apart in the row. Prices subject to change.

If wanted by parcel post add 5c. per pint and 7c. per quart for postage.

**White Bottoms.** All small and very choice. Pt. 20c., qt. 35c., 2 qts. 55c.,  $\frac{1}{2}$  pk. \$1.00, pk. \$1.75.

**Red Bottoms.** Pt. 20c., qt. 35c., 2 qts. 55c.,  $\frac{1}{2}$  pk. \$1.00, pk. \$1.75.

**Yellow Bottoms.** Pt. 20c., qt. 35c., 2 qts. 55c.,  $\frac{1}{2}$  pk. \$1.00, pk. \$1.75.

**Special Offer:** One pint each of the above 3 colors 50c.; by parcel post 55c.

One quart each of the above 3 colors, 90c.; by parcel post \$1.00.

**White Multipliers.** Pt. 20c., qt. 40c., 2 qts. 75c.

**Yellow Multipliers.** Pt. 20c., qt. 40c., 2 qts. 75c.

**Egyptian, or Red Perennial.** For early Spring use, plant in Fall about September. Perfectly hardy. Pt. 10c., qt. 20c., 2 qts. 35c., 4 qts. 65c.



Onion, Southport Red Globe



Parsnip, Hollow Crown.

## PARSNIP

One ounce will sow 150 feet of drill.

**\*Hollow Crown.** Long, smooth, white roots, requiring a deep soil. One of the leading varieties. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

**Magnum Bonum.** An improved strain of Hollow crown; not as long as the former, but thicker and heavier cropper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.00.

## PARSLEY

One ounce will sow 100 feet of drill.

Sow the seed early in Spring, in drills one foot apart, and thin out to four inches apart.

**Champion Moss Curled.** Compact; double. Very useful for garnishing. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Extra Double, or Triple Curled.** Deeply cut and crimped, giving a very pleasing appearance. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**\*Emerald, or Dwarf Extra Curled.** Very compact, dwarf and so finely curled that it resembles a very dense tuft of Moss. One of the best for garnishing. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Hamburg Rooted or German Parsley.** The root resembles a small parsnip and is the edible part of this sort; used for flavoring soups. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Plain.** The leaves are not curled, however, the flavor is excellent and plant is very hardy. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.10.

## PEAS

One quart will plant about 75 feet of drill.

Peas do best in a light, rich soil; for private use sow in rows 2 to 2½ inches apart, the rows 2½ feet apart, the tall ones requiring brush. Commence sowing the early varieties as soon as the ground can be worked in March; continue for a succession every two weeks until June. A good crop can be secured by sowing the extra early sorts in August for Fall use. The wrinkled varieties are not as hardy as the small round sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored.

If wanted by parcel post add 6c. per pint and 8c. per quart for postage.

### Dwarf Early Varieties

**\*New Dwarf Little Marvel.** An improvement on Nott's Excelsior, but the pods are larger; dark green. Ranks as the first among the early dwarf varieties. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**Blue Bantam.** A fine extra early wrinkled Pea. Large pods well filled with deep green, fine flavored peas. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**Thomas Laxton.** A first early wrinkled Pea, a few days later than First of All. Very sweet and prolific. Grows 3 to 3½ feet high. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.



Peas, Gradus

**\*Gradus, or Prosperity.** The most popular of all wrinkled Peas. A great favorite of every gardener. Grows about 3½ feet high; pods 4 to 4½ inches long; dark green color, each containing from 8 to 10 delicious sweet Peas. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**Alaska.** Also called Earliest of All. An early, round-seeded Pea. Will not rot as easily in cold soil as any other variety when planted early. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.30.





Peas, Nott's Excelsior.

**\*Improved Daniel O'Rourke.** A good leading early variety. About 36 inches high. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 30c., qt. 55c.,  $\frac{1}{2}$  pk. \$2.10.

**\*Nott's Excelsior.** The most popular of all dwarf Peas. Splendid quality. A very heavy yielder. About 15 inches high. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.30.

**Laxtonian, or New Dwarf Gradus.** Ripens a few days later than the first earlies. Pods as large as Telephone. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**\*Sutton's Excelsior.** A fine early variety. Beautiful, large, green pods. About 15 inches high. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**Daisy, or Dwarf Telephone.** A second early, dwarf Pea, growing about 18 inches high, and bearing an immense heavy crop of bright green pods. Very prolific. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**American Wonder.** A well-known variety of high quality. About 12 inches high. Very prolific. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.30.

**Juno.** Long pods, straight and well filled with 8 or 9 large peas, of very good quality. A second late kind, listed in some catalogues as Dwarf Champion. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.30.

### Second Early and Medium Varieties

**Petite Pois.** A very sweet second early French variety. Needs brushing. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.

**Magnificent.** A Pea well deserving its name. Mid-season, very productive, robust and a great mildew resisting variety, deep green color,  $2\frac{1}{2}$  ft. high. Pkt. 25c.,  $\frac{1}{2}$  pt. 45c., pt. 80c., qt. \$1.50.

**\*Beauty.** Of improved Gradus type, but much more prolific and so hardy that it can be sown much earlier and in more exposed localities than that variety. The dark green pods, borne in pairs, are larger, longer and even in size. An early variety; 3 ft. high. Pkt. 20c.,  $\frac{1}{2}$  pt. 35c., pt. 60c., qt. \$1.10.

**Good Indeed.** The name has proved most appropriate. It is indeed good. A very prolific maincrop pea with a very large and long medium green-pointed pod, 5 to 6 inches in length, plump and very slightly hooked in shape, containing 9 to 11 very sweet peas;  $5\frac{1}{2}$  feet. A magnificent up-to-date kind, splendid on the table and a fine deep green when cooked. A grand exhibition variety; a great cropper, and possessing a fine constitution. Pkt. 25c.,  $\frac{1}{2}$  pt. 45c., pt. 85c., qt. \$1.50.

**The Langport.** First-rate in robustness, habit, and color, and a superb cropper. A stout grower, with a deep green pod  $4\frac{1}{2}$  in. long, like a longer Alderman, some inclined to be curved, with 9 to 11 large sweet peas per pod. Pods produced in pairs. Splendid for exhibition, a good cropper,  $4\frac{1}{2}$  ft. high. Guaranteed perfectly distinct, and very highly recommended for garden, market, or exhibition. Season, at the end of the second earlies. Pkt. 25c.,  $\frac{1}{2}$  pt. 45c., pt. 85c., qt. \$1.50.

## Late Varieties (For General Late Crop)

**The Victor.** A wonderful pea, we know of no Pea which surpasses The Victor in flavor, and this may be accounted for by the fact that one of the first crosses which produced this seedling was the Sugar Pea, enormous deep green pods, a good cropper, main crop 2 feet high. Pkt. 25c.,  $\frac{1}{2}$  pt. 45c., pt. 80c., qt. \$1.50.

**\*Improved Telephone.** Very productive and of the finest quality. Ten days later than Gradus. The best sort for the home garden. 4 feet high. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**\*Alderman.** About 10 days later than Improved Telephone. An excellent yielder. Pods very large, straight and dark green in color. 4 feet high. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.90.

**\*Quite Content.** No Pea has attracted so much attention as Quite Content. It is a fine, giant-podded, exhibition variety. 5 to 6 feet high. Pkt. 15c.,  $\frac{1}{2}$  pt. 30c., pt. 55c., qt. \$1.00.

**\*Champion of England.** A variety long well known. One of the most popular of the late Peas; rich and of delicious flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 40c., qt. 75c.,  $\frac{1}{2}$  pk. \$2.75.

## Edible Pod Peas

**Tall Gray Seeded Sugar.** Large, broad pods, very brittle and entirely stringless; make a delicious dish when cooked like string Beans. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.30.

**Dwarf Gray Seeded Sugar.** Same as above but dwarf. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 60c.,  $\frac{1}{2}$  pk. \$2.30.

## POTATOES

**IMPORTANT.** Prices on Potatoes are subject to market changes.

Ten bushels of cut tubers will plant one acre.

Seed Potatoes weigh 165 pounds to the bag, net.

Our seed Potatoes are all northern grown and free from disease. It is our aim to have true stock. Plant early in Spring, in rows about 3 feet apart, and the sets 1 foot apart

in the rows, covering 4 inches deep. To insure a heavy crop the ground should be deeply dug and well manured before planting.

Prices on the following varieties:  $\frac{1}{2}$  pk. 65c., pk. \$1.25,  $\frac{1}{2}$  bu. \$2.40, bu. \$4.75, bag (2  $\frac{3}{4}$  bu.) \$11.00.

## Early Varieties

**\*Woodbury Early White Rose.** A rather long white early Potato; the quality is superior—better than any other early sort. Heavy yielder.

**Extra Early Bovee.** An extra early variety. Very handsome, and one of the best early sorts.

**\*Irish Cobbler.** A favorite variety, producing handsome tubers; excellent quality.

**Red River Early Ohio.** Very popular early variety. Skin pinkish red and of superior quality.

**Beauty of Hebron.** An early sort; very productive and a remarkably good keeper.

## Late, or Main Crop Varieties

**Carman No. 3.** A splendid main crop sort with but few shallow eyes. Very prolific.

**\*Improved Green Mountain.** A heavy cropper. Oval shape; white in color and one of the finest eating potatoes. Medium late.

**Rural New Yorker No. 2.** A valuable late variety; vary large, smooth and a great cropper; quality unexcelled.

## PUMPKIN

One ounce will plant 40 hills.

Plant in May in the cornfield or in the garden, in hills 8 or 10 feet apart each way, four seeds in a hill. In other respects cultivate in same manner as Melons and Cucumbers.

**\*Large Cheese, or Kentucky Field.** The best variety for family use. Large, flat shape; very productive. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Sweet, or Sugar.** Fruit medium size. A splendid keeper. Very sweet. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

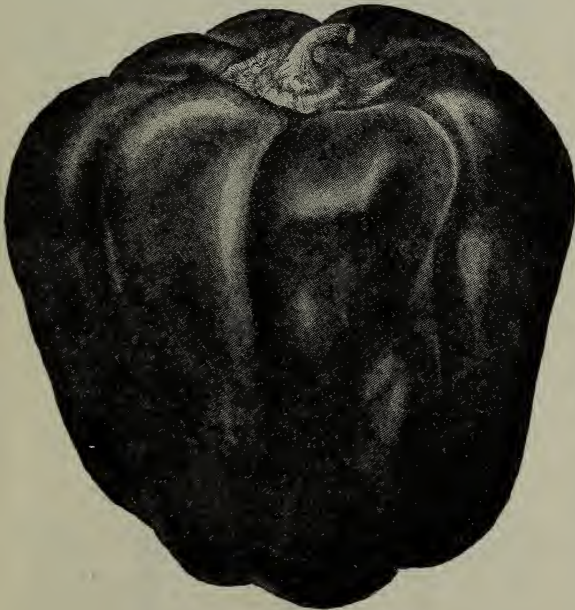


Potato, Irish Gobbler



**Pumpkin, Large Cheese**

- Connecticut Field.** Exclusively grown for stock feed. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.
- King of the Mammoths.** Grows very large, often weighing 150 to 200 lbs. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- Mammoth Tours.** A very large French variety. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
- Winter Luxury.** The best for pies, and a good keeper. Skin deep orange yellow. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Pepper, Magnum Dulce****PEPPER**

One ounce will produce 1000 plants.

Sow in a hotbed early in April, or in the open ground, when all danger of frost is past. When the soil has become warm, set in rows 2 feet apart and 18 inches apart in the rows.

- \*Magnum Dulce.** The largest variety of Peppers. Yields fruit of enormous size. Flesh mild, sweet and delicious. Pkt. 10c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.
- \*Giant Pepper, Wilk's Sweet Market.** The finest Sweet Pepper on the market. Pods are heart-shaped, thick meated and about 3 inches in diameter. Always smooth and regular. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 45c.,  $\frac{1}{4}$  lb. \$1.75.

- Chinese Giant.** Very large; ripens early and is very productive. The flesh is mild and thick. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.
- Bull Nose, or Sweet Mountain.** An old, popular variety. Handsome shape. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.
- Ruby King Bright Red.** 4 to 6 inches long; fine for stuffed pickles; sharp flavor. Pkt. 5c.,  $\frac{1}{2}$  oz. 30c. oz. 50c.
- Mammoth Golden Queen.** The best yellow sweet pepper fruits medium size of mild flavor. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.00.
- Long Red Cayenne.** Very hot. Narrow pods, 6 inches long. Pkt. 5c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.

**Radish, Early Scarlet Turnip****RADISH**

One ounce will sow 50 feet of drill.

Radishes thrive best in a light, loamy soil. Plant in rows 8 to 10 inches apart, every week or 10 days for a succession up to the middle of June. Sow the Winter varieties in August.

All my Radish seeds are from the best French sources, and I invite comparison with the California grown regarding shape and strain.

- \*Early Scarlet Turnip.** A well-known standard variety for early planting. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- \*Early Scarlet Turnip, White Tipped.** A beautiful sparkling Radish. One-third of bottom is of the purest white, while the top is deep crimson. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- \*Early French Breakfast.** A very rapid growing variety. Color scarlet, with white tip. Olive shaped. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- \*Icicle Crystal White.** Beautiful, half-long variety, of fine flavor; also suitable for forcing. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



**Early Scarlet Globe.** A forcing variety of beautiful globe shape. Will mature in 21 days. Tops very small. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Round Crimson Giant.** A little later than the small Spring radishes, but attaining a much larger size and remaining crisp until it is as large as a good sized walnut. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Sparkler.** A beautiful white tipped radish. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Philadelphia White Box, or Early White Turnip.** Good for early use. Small, Turnip-shaped; color pure white. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Long White Vienna, or Lady Finger.** Snow white. Very crisp and tender. The longest white Radish in cultivation. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**White Strasburg.** Not as long as Lady Finger, but thicker at the top. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Improved Chartier.** Long scarlet, white tipped. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

### Summer Varieties

**\*White Giant Stuttgart.** A fine Summer variety. Large size, turnip shape. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Sakurajima.** A Japanese radish of immense size. In shape it is oval with cream colored skin and pure white flesh. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Golden Summer Turnip.** A good, round and solid Summer variety. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

### Winter Varieties

**\*Chinese Rose Winter.** Rose color. Very firm and a fine keeper. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Long Black Spanish.** The hardiest and best for Winter use. Black skin and white flesh. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**\*Round Black Spanish.** Same as above, except in shape. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

### RHUBARB

Sow early in April in drills 18 inches apart, and thin out to 6 inches. In the Fall or following Spring, transplant the roots into deep, rich soil, 4 feet apart each way.

**Delicata.** Very large; late. The best for cooking and pies. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

### SPINACH

One ounce will sow 50 feet of drill.

Sow early in Spring, in drills 1 foot apart and 1 inch deep every two weeks for a succession. For Fall use sow in August and for Winter crop in September. Sow New Zealand in hills 2 feet apart each way, 3 or 4 seeds in a hill. Spinach is more productive and of better quality when grown in rich soil.

**\*Wilk's Broad Leaved Giant.** The very largest Spinach, broad, thick, dark green leaved, very crisp and tender of delicious flavor. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**\*Large-Leaved Viroflay.** Very large, thick, dark green leaves. Splendid sort for Fall and spring sowing. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.



Spinach, Large Leaved Viroflay

**Victoria.** A good, heat-resisting variety. Slow to seed; continues in fine condition from 2 to 3 weeks after all other sorts have run to seed. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**\*Long Standing.** Dark green; leaves large and thick. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**Bloomsdale, or Norfolk Savoy.** A standard sort with good-sized leaves. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**\*New Zealand.** Very prolific. Can be grown during the hottest months. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Salsify, Sandwich Island.

### SALSIFY, or OYSTER PLANT

One ounce will sow 50 feet of drill.

Sow early in Spring, in drills 15 inches apart and one inch deep, thinning out the young plants to six inches. The roots are used same as Carrots. Salsify is very hardy and can be left in the ground until Spring.

**\*Mammoth Sandwich Island.** The most popular variety. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Long White French.** A favorite sort. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Black, or Scorzonera.** Same as above, but roots are black. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.





Squash, Hubbard.

## SQUASH

One ounce will plant 40 hills.

Sow in hills in the same manner and about the same time as Cucumber and Musk Melon. The bush varieties require to be 3 to 4 feet apart, the running kinds from 6 to 9 feet.

**\*Chicago Warty Hubbard.** The best Winter Squash grown. Skin heavily warted; flesh bright orange, dry and thick. Good keeper. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Golden Hubbard.** About the same size as Warty Hubbard. Skin deep orange yellow; flesh deep golden yellow. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Squash, Giant Summer Crookneck

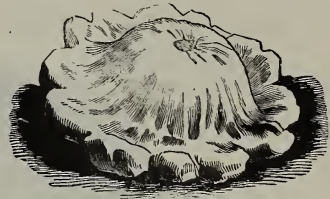
**\*Giant Summer Crookneck.** Flesh deep golden yellow. Early and double the size of the old variety of Summer Crookneck. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Giant White Summer Crookneck.** A selection from the old summer crookneck. It is somewhat larger, and the skin is ivory white. The flesh is tender and of good flavor. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Delicious.** Green skin; orange flesh; very sweet and dry. Finest for table use. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

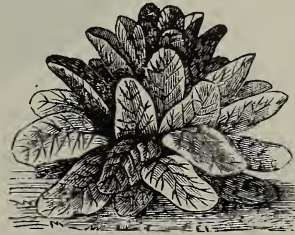
**English Vegetable Marrow.** True English strain. Deep yellow; white flesh. Grows about 9 inches full size. Should always be used when in a young state. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Cocozella.** Italian Green Striped squash. Grows about 12 inches long and 3 inches in diameter. Skin dark green marbled with yellow. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.



Squash, White Bush.

**\*Mammoth White Bush, or Scallop Patty Pan.** The well-known Summer variety. Flesh tender and delicate. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Tobacco.

## TOBACCO

One ounce will produce plants for one acre.

**Connecticut Seed-Leaf.** Hardy and endures cold better than most varieties. Very popular. Pkt. 10c., oz. 40c.

**Havana.** A hybrid Havana or Cuban seed leaf. Pkt. 10c., oz. 40c.

**Sumatra.** The well known variety. Pkt. 10c., oz. 40c.

## TOMATO

One ounce will produce 1000 plants.

Sow in a hotbed about the first week in March, in drills 5 inches apart, and  $\frac{1}{4}$  inch deep. Transplant to the open ground when all danger of frost is past, setting the plants 3 to 4 feet apart each way. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen. By training the vines on trellises or tying to stakes the fruit will ripen better.

## Early Varieties

**John Baer (new).** This is a fine, smooth tomato of medium size, bright scarlet in color, almost globular in shape, slightly flattened at the stem and blossom ends. The fruit is very solid and the seed cavities medium small. It has proved to be a very prolific tomato and quite early. In earliness it is noticeably ahead of the early varieties, Bonny Best and Chalk's Early Jewel and is somewhat similar to them in general characteristics. For abundance of crop it proved to be one of the most prolific. Whoever has tried John Baer says, it has given excellent satisfaction and it is grown on a very large scale in all parts of the country. It is a grand all around tomato and is recommended highly. Pkt. 10c., oz. 40c., 2 oz. 75c.,  $\frac{1}{4}$  lb. \$1.25.



Tomato, Improved New Stone

- \*Earliana.** Very popular early variety. Bright red, smooth, solid and meaty. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- June Pink.** Extra early pink. In habit resembles Earliana. Very prolific. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Chalk's Early Jewel.** The largest and smoothest of the early varieties; 10 days later than Earliana. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Acme.** Early. Purple fruits, smooth and large. Heavy bearer. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Early Detroit.** A new early main crop variety. Color purplish. One of the best. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Freedom.** Fruit bright scarlet. Early; uniform in size. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Bonny Best.** About the same season as Chalk's Early Jewel, but fruit is somewhat smaller. Color bright scarlet. An elegant sort for shipping. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- \*Early Dwarf Champion, or Tree Tomato.** A favorite on account of its dwarf habit. Needs no supports. A fine variety for the home garden. Color a glossy purple; very prolific; smooth and of good size. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- Dwarf Stone.** Resembles Improved New Stone, but needs no staking. Fruits large size; color bright red and fine flavored. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- \*Improved New Stone.** Bright red; perfectly smooth. The largest, highest yielding, best keeping, finest flavored main crop variety in existence. Highly recommended. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Livingston Beauty.** Vigorous grower and heavy bearer; fruits large, uniform in size, and very smooth; flesh light pink and of excellent flavor. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- \*Crimson Cushion, or Beefsteak.** A favorite variety for the home garden. Beautiful crimson color, solid and of the best quality. Pkt. 10c., oz. 50c., 2 ozs. 90c.,  $\frac{1}{4}$  lb. \$1.00.
- Livingston Globe.** An all-around good sort, of distinct globe shape; delicious flavor. Unsurpassed for slicing. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Matchless.** A very large-fruited and long-keeping, bright red Tomato. Remarkably solid. A very desirable variety. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.
- Golden Queen.** A smooth golden yellow Tomato; medium size; fine flavor. Pkt. 10c., oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. \$1.00.

### Small Fruited, or Preserving Varieties

Prices, except where otherwise noted: Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**\*Yellow Plum.** About 2 inches in length and  $\frac{3}{4}$  to 1 inch in diameter. Color bright yellow; fleshy and of excellent flavor.

**Red Plum.** Same as Yellow Plum, except in color.

**Yellow Pear.** Distinct Pear shape.

**Red Pear.** Same as above, except in color.

**Yellow Peach.** Resembles a Peach in shape and color. Eaten raw or preserved.

**Red Peach.** Same as yellow Peach, except in color.

**Red Cherry.** Small fruits of a bright red color.

**Red Currant.** Very small, resembling Currants. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**Husk, or Strawberry.** Enclosed in a husk; fruits small, yellow, and of very sweet flavor. Much used for preserving and making pies.

### Late, or Main Crop Varieties

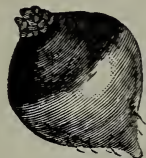
- \*Ponderosa, or Giant Tomato.** The well-known and largest Tomato grown. Vines are of very strong growth; heavy bearer; fruit large, deep purple in color, solid, fleshy and of very fine, sweet flavor. Pkt. 10c., oz. 50c., 2 ozs. 90c.,  $\frac{1}{4}$  lb. \$1.50.
- Yellow Ponderosa.** The best largest golden Yellow Tomato, of excellent quality. Fruit is similar in size and shape to the well known red Ponderosa. Pkt. 10c., oz. 50c., 2 ozs. 90c.,  $\frac{1}{4}$  lb. \$1.50.



## Select Forcing Varieties

**\*Sunrise.** The very best for forcing; none superior. Rich scarlet; medium size; solid and delicate flesh. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c.,  $\frac{1}{2}$  oz. \$1.40, oz. \$2.75.

**Stirling Castle.** Medium-sized, bright scarlet fruits. Very productive. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c.



Rutabaga.



Turnip.

## TURNIPS

One ounce will sow about 100 feet of drill.

For early crop sow in Spring, as soon as the ground can be worked, and again in July and August in drills half an inch deep and 18 inches apart; thin out to 6 inches in the row. Sow Rutabaga in June and July in drills 2 feet apart; thin out to 9 inches in the row. Turnips do best in a rich light soil.

**\*Wilk's Little Marvel.** The quickest white, globe-shaped Turnip in cultivation. Flesh crisp and solid. A splendid table Turnip. Very early variety. Valuable for forcing. Pkt. 15c., oz. 40c., 2 ozs. 75c.,  $\frac{1}{4}$  lb. \$1.25.

**Early White Milan.** Earliest of all Turnips, snowy white in color; medium size; tender and sweet. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 70c., lb. \$2.00.

**White Egg.** Shape nearly oval; flesh pure white, fine grained, mild and very sweet. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**Purple Top White Globe.** A beautiful globe-shaped variety of superior quality. Fine for Fall and Winter use. Good keeper. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**Purple Top Strap-Leaf.** A second early sort. Flat shape; skin very smooth. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**Golden Ball, or Orange Jelly.** An early globular golden yellow, of medium size Very sweet. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**White Globe.** A handsome globe shaped variety. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**Long White, or Cowhorn.** A productive, long shaped, slightly bent variety. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

## Rutabaga, or Swedish Turnip

**\*Wilk's Favorite.** Without doubt the finest Rutabaga. A hardy heavy cropper, short top, well shaped. A splendid winter keeper. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**\*Improved American Purple Top.** The standard variety. Very large and uniform; flesh bright yellow and quality unequalled. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

**Long Island Improved.** Immense size and good keeper; flesh rich yellow. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.00.

## HERBS, SWEET, POT AND MEDICINAL

**Anise.** Used for garnishing, seasoning and cordials. Pkt. 10c., oz. 25c.

**Balm.** Leaves used medicinally. Pkt. 10c., oz. 25c.

**Basil, Sweet.** The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt. 5c.; oz., 25c.

**Borage.** Flowers excellent for bees. Leaves used in salads. Pkt. 10c., oz. 25c.

**Caraway.** Used in bread, pastry and meats. Pkt. 10c., oz. 20c.

**Catnip.** For bee pasture. Leaves and young shoots used for seasoning. Pkt. 10c., oz. 40c.

**Chamomile.** Used for medicinal purposes. Pkt. 10c.,  $\frac{1}{4}$  oz. 25c.

**Chives.** Used for seasoning. Pkt. 15c., 3 pkts. for 40c.,  $\frac{1}{2}$  oz. 80c., oz. \$1.50.

**Coriander.** Used for seasoning and confectionery. Pkt. 10c., oz. 25c.

**Dill.** Leaves are used for flavoring pickles, soups and sauces. Pkt. 10c., oz. 25c.

**Florence Fennel.** Roots used for salads. Pkt. 10c., oz. 25c.

**Hop Seed.** Pkt. 15c.

**Horehound.** Used for flavoring; also for cough remedies. Pkt. 10c., oz. 20c.

**Lavender (True).** Valuable for its perfume. Pkt. 10c., oz. 25c.

**Majoram, Sweet.** Used for flavoring, can be dried easily for Winter use. Pkt. 10c., oz. 25c.

**Pennyroyal.** Leaves are used for seasoning puddings and various dishes. Pkt. 10c., oz. 15c.

**Peppermint.** Used for flavoring. 100 seeds 35c., 500 seeds \$1.50.

**Pimpinella (Garden Burnet).** Used as salad, flavor resembling that of Cucumbers. Pkt. 10c., oz. 25c.

**Rampion.** Roots and leaves are eaten raw as salad. Pkt. 10c., oz. 25c.

**Rosemary.** Leaves used for seasoning. Pkt. 10c., oz. 35c.

**Rue.** For medicinal purposes; good for roup in fowls. Pkt. 10c., oz. 25c.

**Saffron.** Used for coloring certain dishes, also for flavoring. Pkt. 10c., oz. 20c.

**Sage.** Used for dressing and flavoring. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Summer Savory (Bohnenkraut).** Used for flavoring beans. Pkt. 10c., oz. 50c.

**Sorrel.** Used in salads and Spinach for flavor. Pkt. 10c., oz. 20c.

**Tansy.** Generally used in bitters. Pkt. 10c., oz. 35c.

**Thyme.** Used for seasoning. A tea made of this is good for headache. Pkt. 15c., oz. 60c.

**Wormwood.** Beneficial for poultry. Pkt. 5c., oz. 25c.

**Waldmeister.** Used in maywine; also for scenting clothes. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.

## Herb Plants

**Chive Plants.** Each 25c., doz. \$2.50.

**Lavender Plants.** Each 25c., 3 for 70c., doz. \$2.50.

**Mint Plants.** Each 20c., 2 for 45c., doz. \$2.25.

**Tarragon Plants.** Each 25c., 3 for 70c., doz. \$2.50.

## SELECTED STRAINS AND SPECIALTIES IN VEGETABLE SEEDS

The following varieties are obtained by me for exhibition purposes. They are special selected strains.

### Beans

- Masterpiece.** Stringless, growing from 8 to 9 inches long. Very tender and heavy bearer. Pkt. 20c.,  $\frac{1}{2}$  pt. 35c., qt. \$1.25.
- New Green Seeded Pole Lima.** A variety of special merit, very strong grower, bean broad and of medium green thickness. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 85c.

### Beets

- Detroit Dark Red.** A very dark flesh variety of medium size, smooth skin and fine shape. Pkt. 10c., oz. 20c., 2 ozs. 35c.,  $\frac{1}{4}$  lb. 60c.

### Brussels Sprouts

- London Exhibition.** Medium height, the heaviest cropper of all the sprout varieties.  $\frac{1}{2}$  oz. 25c.

### Cabbage

- Earliest of All.** The earliest cabbage and the best in quality of all the early varieties; of medium size, very firm at the heart, with very few outer leaves. Pkt. 25c., oz. \$1.00.
- Wong Bok.** See Page 5.

### Carrot

- Monster Red.** A variety of excellent red color growing from 8 to 10 inches long, smooth and hollow crowned. Pkt. 20c.,  $\frac{1}{2}$  oz. 35c., 1 oz. 60c.

### Cauliflower

- Extra Early Snowball.** The best for all year around, selected strain. Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.50,  $\frac{1}{2}$  oz. \$2.50, 1 oz. \$4.50.

### CELERY

- White Perfection.** A splendid new white celery that we consider is an advance on existing varieties. It is very suitable for the private garden. Producing firm, fine "heads" clean at the base, and very crisp and solid in the stalk. It is compact in habit and of a strong and vigorous constitution. We can recommend it as a fine, very select stock of white celery that will give satisfaction. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

- Golden Self-Blanching.** French selected stock. Pkt. 25c.,  $\frac{1}{2}$  oz. 60c., 1 oz. \$1.00.

- White Plume.** Tender and fine flavor. Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., 1 oz. 35c.

### Sweet Corn

- Charlevoix.** An early yellow variety. Ears about 7 inches long, eight rowed, very fine flavor. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 40c., qt. 75c.
- Narrow Grained Evergreen.** The best sweet corn for Fall showing. Pkt. 10c.,  $\frac{1}{2}$  pt. 20c., pt. 35c., qt. 65c.

### Leek

- Perfection.** Producing leeks of enormous size. Pkt. 25c.,  $\frac{1}{2}$  oz. 50c., 1 oz. 90c.

### Kale

- Half Tall Emerald.** A variety of which the leaves grow thickly moss curled of very dark green color. Pkt. 20c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

### Onions

- The Victoria Cross.** The largest onion grown and finest for exhibition. This onion is in many instances larger than the well-known Ailsa Craig. Pkt. 50c.,  $\frac{1}{2}$  oz. 80c., oz. \$1.50.

### Parsley

- Garnishing Beauty.** A very attractive sort, compact and dwarf resembling a very dense tuft of moss. Pkt. 20c.,  $\frac{1}{2}$  oz. 35c.

### Parsnips

- Wilk's White Wonder.** A parsnip very long white and smooth. Pkt. 15c., oz. 25c.

### Peas

- Quite Content.** Fine giant-podded, exhibition variety 5 to 6 ft. high. Pkt. 15c.,  $\frac{1}{2}$  pt. 30c., pt. 55c., qt. \$1.00.

- The Victor.** (See page 16.)

### Pepper

- Magnum Dulce.** Enormous size pepper. Pkt. 10c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

### Pumpkin

- Canada Giant.** The largest pumpkin in existence. Pkt. 15c.,  $\frac{1}{2}$  oz. 25c.

### Rutabaga

- Wilk's Favorite.** A very heavy cropper. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

### Spinach

- Wilk's Broad Leaved Giant.** Dark green leaved. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

### Tomato

- Sunrise.** Rich scarlet medium size, solid and delicate flesh, none superior. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c.,  $\frac{1}{2}$  oz. \$1.40

### Turnip

- Little Marvel.** A beautiful white globe shaped turnip, valuable for frames and forcing. Pkt. 15c., oz. 40c., 2 ozs. 75c.

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For

Wilk's

Grass Seeds

See Inside Front Cover

and Page 41





Ageratum, Princess Victoria Louise

## FLOWER SEEDS

The following abbreviations are used throughout the Flower Seed portion of this list:

- A. Annual. Flowers and dies the first year.  
H.P. Hardy Perennial.  
B. Biennial. Dies the second year; if sown early will bloom the first year.  
G. H. Greenhouse Plant.

	Pkt.
<b>ABOBRA</b> viridiflora. H. P. A rapid-growing, climbing plant, with Cherrylike fruit ..... 1/8 oz. 40c. \$0.10	
<b>ABRONIA</b> . A. Trailing sand Verbena, with numerous clusters of sweet scented Lilac flowers..... 1/8 oz. 30c. .10	
<b>ABUTILON</b> (Flowering Maple.) G. H. Hybrids mixed ..... .25	
<b>ACACIA</b> . G. H. Elegant Winter and Spring flowering plant. Finest mixed ..... .10	
<b>ACHILLEA</b> , The Pearl. H. P. Blooms from Spring until frost; covered with pure white flowers..... 1/8 oz. \$1.00 .25	
<b>ACONITUM</b> (Monk's Hood). H. P. napellus. B'ue ..... 1/8 oz. 25c. .10	
napellus. White ..... .10	
<b>ACROCLINIUM</b> . H. P. Everlasting flowers; can be dried and used for Winter bouquets. album. Pure white ..... 1/8 oz. 15c. .10	
roseum. Bright rose ..... 1/8 oz. 15c. .10	
Mixed ..... 1/8 oz. 15c. .10	
<b>ADLUMIA</b> cirrhosa (Allegheny Vine, or Mountain Fringe). A. White..... .10	
<b>ADONIS</b> aestivalis (Flos Adonis). A. Scarlet ..... Oz. 25c. .10	
vernalis. H. P. Hardy. Bright yellow ..... 1/2 oz. 15c. .05	
<b>AGROSTEMMA</b> (Rose of Heaven). H. P. Coeli rosa ..... 1/2 oz. 20c. .05	
Coeli alba ..... 1/2 oz. 20c. .05	
<b>AGAPANTHUS</b> umbellatus (Lily of the Nile). G. H. .... .10	

	Pkt.
<b>AGATHEA</b> COELESTIS. H. P. A very pretty blue Marguerite with yellow center, free flowering and a good bedder ..... 1/8 oz. 50c. .10	
<b>AGERATUM</b> . A. Imperial Dwarf Blue..... 1/8 oz. 20c. .10	
Imperial Dwarf White..... 1/8 oz. 30c. .10	
Blue Perfection.. Very dark blue ..... 1/8 oz. 15c. .10	
Little Blue Star. Very handsome; light blue, dark red center, changing to pure light blue..... 1/8 oz. 50c. .15	
Princess Victoria Louise. Lovely sky blue, light center..... 1/8 oz. 25c. .10	
Mauve Beauty. Large mauve flowers ..... 1/8 oz. 25c. .15	
Mexicanum Blue. The best for bedding ..... 1/4 oz. 10c. .05	
Finest Mixed. All varieties.... Oz. 50c. .05	
<b>ALONSOA</b> WARSCEWICZII. A. Bright scarlet, handsome for pot culture. .... 1/8 oz. 20c. .10	
<b>ALOYSIA</b> citriodora (Lemon-scented Verbena). G. H. .... 1/8 oz. 50c. .10	



Sweet Alyssum, Little Gem

	Pkt.
<b>ALYSSUM</b> (Sweet Alyssum). A. Little Gem. Dwarf, compact; called Snow-white Carpet. .... Oz. 50c. \$0.10	
Snowflake. A more compact variety than Little Gem. Covered with a mass of pure white flowers..... Oz. 60c. .10	
Lilac Queen, compactum. A new and distinct annual Sweet Alyssum, with beautiful lilac flowers. The growth is dwarf and compact, which makes it very useful for carpet bedding. oz. .75 .15	
Saxatile, compactum. H. P. Golden yellow ..... 1/8 oz. 25c. .10	
<b>AMARANTHUS</b> . A. caudatus (Love-Lies-Bleeding). Blood red ..... .10	
bicolor. Crimson foliage..... .10	
tricolor (Joseph's Coat)..... Oz. 75c. .10	
Finest Mixed ..... Oz. 25c. .05	
<b>AMMOBIUM</b> alatum (Everlasting). A. Will grow in sandy soil..... 1/2 oz. 20c. .05	
<b>AMPELOPSIS</b> Veitchii (Boston Ivy). H. P. .... 1/2 oz. 20c. .05	
<b>ANCHUSA</b> Capensis (Cape Forget-Me-Not). A. Of great beauty. 1/2 oz. 40c. .10	
Italica. Dropmore variety. Intense blue. .25	

**ANEMONE.** H. P. Valuable for cutting.  
coronaria (St. Brigid). Large-flowering  
varieties ..... $\frac{1}{8}$  oz. 40c. .15



Snapdragon, Venus

**ANTIRRHINUM, OR SNAPDRAGON. A.**  
Tall-Growing Varieties

	Pkt.
<b>Cerise King</b> (Novelty). Cerise pink, white throat, flowers very large, borne on long robust spikes, very showy and attractive .....	.25
<b>Pink Beauty.</b> (Novelty) A deep rose pink self, enormous spikes of flowers, individual blooms, exceptionally large, a most vigorous grower.....	.25
<b>FAIRY QUEEN.</b> Rich orange salmon, terra cotta with white throat, very striking .....	.15
<b>Cottage Maid.</b> A very handsome pale pink with white throat, 3 pkgs., .40.....	.15
<b>FIREFLY.</b> Crimson and yellow.....	.10
<b>Purple King.</b> A self-colored purple of enormous size. (New.).....	.25
<b>Defiance.</b> Beautiful fiery scarlet. (New.)..	.15
<b>Queen Victoria.</b> Very large, satiny white.	.10
<b>Luteum.</b> Yellow, striped red.....	.10
<b>Ruby.</b> Pure ruby red. (New.).....	.10
<b>Brilliant Rose</b> .....	.10
<b>Coral Red.</b> Dark rose, white throat.....	.10
dwarf and compact, which makes it	
<b>Venus.</b> Delicate rose .....	.15

	Pkt.	
<b>Delila Carmine.</b> With white throat.....	.10	
<b>Finest Tall Mixed</b> ..... $\frac{1}{2}$ oz. 50c.	.10	
<b>Medium Tall Varieties</b>		
<b>Butterfly.</b> Sulphur yellow maroon centre, most striking .....	.35	
<b>Apricot Queen.</b> Lovely Apricot Pink....	.35	
<b>Morning Glow.</b> A bright terra cotta orange	.35	
<b>Orange Queen.</b> Very large and showy terra cotta pink with golden centre...	.35	
<b>Sunbeam.</b> Another beautiful terra cotta orange .....	.35	
<b>Crimson King</b> (New). Beautiful rich crimson very large flower.....	.35	
<b>Dwarf-Growing Varieties</b>		
<b>Golden Queen.</b> Pure yellow, large-flowering .....	.10	
<b>Mont Blanc.</b> Pure white, large-flowering.	.10	
<b>Albino.</b> Creamy white flesh color.....	.10	
<b>Salmon Queen.</b> Salmon rose.....	.15	
<b>Queen of the North.</b> Pure white; fragrant. Fine for cutting.....	.10	
<b>Black Prince.</b> Deep crimson purple.....	.10	
<b>Kermesinum.</b> Brilliant crimson .....	.10	
<b>Scarlet Flame.</b> Fiery scarlet .....	.10	
<b>Finest Dwarf Mixed</b> ..... $\frac{1}{2}$ oz. 50c.	.10	
<b>AQUILEGIA</b> (Columbine). H. P.		
<b>Skinneri.</b> Scarlet and yellow; long-spurred .....	.25	
<b>Jætschaui.</b> Large-flowering, yellow with long red spurs, magnificent variety .....	.25	
<b>chrysantha.</b> Pale yellow; long-spurred .....	.10	
<b>White Long Spurred</b> ..... $\frac{1}{8}$ oz. 40c.	.10	
<b>White Long Spurred</b> ..... $\frac{1}{8}$ oz. 60c.	.15	
<b>cœrulea</b> (Rocky Mountain Columbine). Sepals deep blue, petals white; long-spurred .....	.15	
<b>cœrulea hybrida.</b> Finest mixed; long-spurred .....	.25	
<b>alpina.</b> Deep blue. Useful for rockeries .....	.10	
<b>Choice Double Mixed varieties.</b> .....	.10	
<b>Choice Selected Named Varieties Mixed</b> .....	.15	
<b>ARABIS alpina.</b> H. P. Resembles Sweet Alyssum. Flowers very early .....		.10
<b>ARCTOTIS grandis.</b> A. Flowers white lilac Fine for cutting; long stems .....	.10	
<b>ARMERIA formosa.</b> H. P. Pretty edging plants. Rosy pink.....	.10	
<b>ASPARAGUS plumosus nanus.</b> (Lace Fern). G. H. Very popular. ....Pkt. 25 seeds 25c., 100 seeds 1.00		
<b>Sprengeri.</b> G. H. Fine for hanging baskets. Pkt. 25 seeds 15c., 100 seeds 50c.		
<b>ARTEMISIA annua.</b> A. Ornamental foliage plant .....	.10	
<b>AUBRIETIA Græca.</b> H. P. Dwarf blue. Fine for rockwork.....	.10	
<b>BALLOON VINE.</b> A. A rapid climber. Flower small; white.....	.05	
<b>BAPTISIA Australis.</b> H. P. Beautiful light blue .....	.15	
<b>BARTONIA aurea.</b> A. Large, golden yellow .....	.05	
<b>BOCCONIA Japonica</b> (Plume Poppy). H.P. Flowers creamy white. Fine for grouping .....	.10	





	Pkt.		Pkt.
<b>IMPROVED CREGO.</b> The stock we offer we believe the best grade, it is possible to obtain anywhere.			
White .....	1/8 oz. 50c. .15	<b>BEGONIA. A. G. H.</b>	
Rose Pink .....	1/8 oz. 50c. .15	<b>GRACILIS LUMINOSA.</b> A large bright scarlet flower .....	.25
Lavender .....	1/8 oz. 50c. .15	<b>GRACILIS FIREBALL.</b> Fiery crimson... ..	.25
Purple .....	1/8 oz. 50c. .15	<b>Semperflorens Vernon.</b> Scarlet. Fine bedder .....	.25
Crimson .....	1/8 oz. 50c. .15	<b>Semperflorens Erfordii.</b> Carmine rose; dark foliage .....	.25
<b>MAUVE BEAUTY.</b> A new distinct single aster. The flowers are very large and with wide petals. It is of good branching habit .....	.25	<b>Semperflorens rosea.</b> Rose.....	.25
<b>Simple's Giant Branching.</b> Without doubt the finest Aster grown for late use. Plants are of vigorous growth, covered with large-sized, double flowers, borne on long stems.		<b>Semperflorens alba.</b> White.....	.25
Snow White .....	1/8 oz. 60c. .15	<b>Rex.</b> Newest and best hybrids. Mixed .....	.50
Simple's Pink .....	1/8 oz. 60c. .15	.....250 seeds .....	.50
Deep Rose .....	1/8 oz. 60c. .15	<b>Tuberous-rooted hybrida.</b> Single mixed .....	.50
Crimson .....	1/8 oz. 60c. .15	<b>Tuberous-rooted hybrida.</b> Double mixed .....	.50
Lavender .....	1/8 oz. 60c. .15	<b>Tuberous-rooted cristata.</b> In splendid mixture .....	.50
Purple .....	1/8 oz. 60c. .15	<b>BELLIS perennis</b> (English Daisy). H. P. monstrosa. Double red... 1/8 oz. \$1.00 .15	
Peach Blossoms .....	1/8 oz. 60c. .15	<b>monstrosa.</b> Double pink... 1/8 oz. \$1.00 .15	
Light Blue .....	1/8 oz. 60c. .15	<b>monstrosa.</b> Double white... 1/8 oz. \$1.00 .15	
Choice Mixed .....	1/8 oz. 60c. .15	<b>Mammoth Mixed</b> .....	1/8 oz. 75c. .10
<b>VICTORIA.</b> One of the most handsome Asters in cultivation. Flowers are large, extra double, an effective bedding variety.		<b>BRACHYCOME</b> (Swan River Daisy). A. Blue .....	1/8 oz. 15c. .05
White .....	1/8 oz. 60c. .15	<b>White</b> .....	1/8 oz. 15c. .05
Dark Blue .....	1/8 oz. 60c. .15	<b>Pink</b> .....	1/8 oz. 15c. .05
Peach Blossom .....	1/8 oz. 60c. .15	<b>Finest Mixed.</b> All colors... 1/8 oz. 10c. .05	
<b>Tall Asters.</b> Choicest mixed.....	1/8 oz. 25c. .10	<b>BROWALLIA elata grandiflora.</b> A. Sky Blue .....	1/8 oz. 30c. .10
<b>Asterum</b>			
<b>ASTERMUM.</b> A splendid new type Aster, is of immense size, center very full.		<b>speciosa major.</b> Giant blue. Fine for pot culture .....	.35
Pink .....	pkt. 20c., 3 pkts. 50c.	<b>Finest Mixed</b> .....	.10
Lavender .....	pkt. 20c., 3 pkts. 50c.	<b>CACALIA</b> (Devil's Paint Brush). A. Tassel-shaped, free-flowering plants.	
White .....	pkt. 20c., 3 pkts. 50c.	<b>Mixed</b> .....	1/8 oz. 20c. .10
<b>PERENNIAL VARIETIES.</b>		<b>CALANDRINIA.</b> A. Brightly colored plants. Fine for edging. Choice mixed .....	1/8 oz. 20c. .10
<b>Michaelmas Daisy.</b> New large flowered. Choice mixed from best named sorts..	.10	<b>CALCEOLARIA. A. G. H.</b>	
<b>White Queen.</b> Free flowering white variety .....	.15	<b>Wilk's Exhibition Mixture</b> .....	.50
<b>Alpinus Goliath.</b> Flowers beautiful lilac with golden centre .....	.15	<b>Choicest Strains, Mixed</b> .....	.25
<b>BALSAM</b> (Lady Slipper). A. Should be planted in a sunny situation from 12 to 18 inches apart.		<b>BUTTERCUP.</b> Award of Merit, R.H.S., May, 1918. (Herbaceous Bedding Variety Golden Gem.) This very attractive and gorgeous hybrid will prove the most decorative of all for the cool conservatory or for summer bedding. Its large, vivid, golden yellow flowers are produced in great abundance on stout wiry stems. For bedding out it makes a most striking and effective feature of the garden. Sown in August, it will be in full flower in May, and, if cut back, will bloom again in August. Height 15 inches, or in the conservatory 20 inches .....	.50
	1/8 oz.	<b>CALENDULA</b> (Pot Marigold). A. Excellent for beds and borders.	
<b>Extra Fine Double Blue</b> .....	20c. \$0.10	<b>Lenox Orange.</b> An improved Orange Giant of extraordinary size; color deep orange. A fine variety for Greenhouse forcing and very showy in borders .....	1/4 oz. 50c. .25
" " Double Chanois .....	20c. .10	<b>Orange Giant.</b> Finest double, large-flowering; orange .....	1/2 oz. 25c. .10
" " Double Crimson .....	20c. .10	<b>Sulphur Crown.</b> Sulphur yellow; double .....	1/2 oz. 25c. .10
" " Double Spotted .....	20c. .10	<b>Prince of Orange.</b> Deep orange .....	1/2 oz. 25c. .10
" " Double Lilac .....	20c. .10	<b>Finest Mixed.</b> All colors... 1/2 oz. 10c. .05	
" " Double Purple .....	20c. .10		
" " Double Purple Spotted .....	20c. .10		
" " Double Rosy Pink .....	20c. .10		
" " Double Salmon .....	20c. .10		
" " Double Sulphur Yellow .....	20c. .10		
" " Double White .....	20c. .10		
<b>Rose and Camellia-Flowered, Mixed.</b>	20c. .10		
<b>Double-Flowered Mixed</b> .....	15c. .05		
<b>BALSAM APPLE</b> (Momordica). Fine for trellises, rockwork, stumps, etc. ....	1/2 oz. 15c. .05		
<b>BALSAM PEAR.</b> Fine climber. 1/2 oz. 15c. .05			



	Pkt.		Pkt.
<b>CANARY BIRD VINE.</b> A. Fine for stumps and rockeries. Excellent window vine for Winter ..... ½ oz. 30c.	.10	<b>CAMPANULA (Bellflower).</b> B. Excellent for borders.	
<b>CANNA (Indian Shot).</b> A.		<b>Carpatica.</b> Deep blue. For rockeries, beds and edging..... ½ oz. 40c.	.10
<b>Crozy's New Hybrid.</b> Mixed.... Oz. 75c.	.10	<b>Carpatica alba.</b> White. For rockeries, beds and edging..... ½ oz. 40c.	.10
<b>Choice Tall, Mixed.</b> ..... Oz. 50c.	.10	<b>Pyramidalis.</b> Spikes 4 to 5 feet long; blooms late Summer and Autumn.	
<b>Dark-leaved Sorts, Finest Mixed</b>		<b>Blue</b> ..... ½ oz. 30c.	.10
..... Oz. 60c.	.10	<b>White</b> ..... ½ oz. 30c.	.10
<b>CALLIOPSIS.</b> A. Charming Summer-flowering plants. Splendid for cutting.		<b>Calycanthema.</b> Resembles cup and saucer.	
<b>STAR OF FIRE.</b> The plant is 1 ft. in height. A mass of bloom with cactus shaped fiery red colored flowers, brighter than any Calliopsis previously introduced ..... ½ oz. 40c.	.10	<b>Blue</b> ..... ½ oz. 50c.	.10
<b>Drummondii (Golden Ray)</b> Yellow and brown ..... ½ oz. 25c.	.10	<b>Rose</b> ..... ½ oz. 50c.	.10
<b>Marmorata.</b> Yellow and red brown ..... ½ oz. 25c.	.10	<b>White</b> ..... ½ oz. 50c.	.10
<b>Nana purpurea (Crimson King)</b>		<b>Mixed</b> ..... ½ oz. 35c.	.10
..... ½ oz. 25c.	.10	<b>CAMPANULA Medium (Canterbury Bell).</b>	
<b>Nana.</b> Sulphur yellow. (New) ½ oz. 25c.	.10	Blooms first year if sown early.	
<b>Nana.</b> Blood red..... ½ oz. 25c.	.10	<b>White</b> ..... ¼ oz. 30c.	.10
<b>Dwarf Varieties.</b> Choice mixed. ½ oz. 20c.	.05	<b>Blue</b> ..... ¼ oz. 30c.	.10
<b>CANDYTUFT.</b> A. Fine for bedding, massing, rockeries and cutting.		<b>Pink</b> ..... ¼ oz. 30c.	.10
<b>Mrs. Warren M. Salisbury.</b> This new variety represents the best that has been produced in Candytufts. The bushes are about 7 to 8 inches high, and are covered with beautiful pure dark pink flowers, awarded a diploma at the 1915 Lenox Summer exhibition.		<b>Mixed</b> ..... ¼ oz. 25c.	.10
..... 3 pks. \$1.25	.50	<b>Double White</b> ..... ½ oz. 40c.	.10
<b>Giant Hyacinth-flowering.</b> The finest white; immense size; flower heads pure white ..... ½ oz. 50c.	.10	<b>Double Blue</b> ..... ½ oz. 40c.	.10
<b>Empress.</b> Erect habit; pure white ..... ½ oz. 40c.	.10	<b>Double Pink</b> ..... ½ oz. 40c.	.10
<b>Tom Thumb.</b> A dwarf pure white fine for edging and borders.... ½ oz. 35c.	.10	<b>Double Mixed</b> ..... ½ oz. 30c.	.10
<b>Umbellata.</b> Carmine ..... .05		<b>Persicifolia.</b> Blooms June and July.	
<b>Umbellata purpurea.</b> Crimson..... .05		Large flowers 2 to 4 feet high.	
<b>Sempervirens (Hardy Candytuft).</b> H. P.		<b>Blue</b> ..... ¼ oz. 50c.	.10
Pure white ..... ½ oz. 50c.	.15	<b>White</b> ..... ¼ oz. 50c.	.10
<b>Gibraltarica.</b> H. P. Violet rose ..... ½ oz. 50c.	.10	<b>Double Blue</b> ..... ½ oz. 50c.	.10
<b>Finest Mixed.</b> All colors..... Oz. 25c.	.05	<b>Double White</b> ..... ½ oz. 50c.	.10
		<b>Prize Mixture</b> of all single and double varieties ..... ½ oz. 40c.	.10

<b>CARNATION.</b> B. H. P.	
<b>Giant.</b> Malmaison. Extra large and perfect, flowering in a rich variety of colors. A splendid sort for cutting; 1 ft. .... ½ oz. 75c.	.25
<b>Chabaud Perpetual.</b> Choice mixed.....	.25
<b>Margaret.</b> Yellow ..... ½ oz. 50c.	.10
<b>Margaret.</b> Pure white ..... ½ oz. 50c.	.10
<b>Margaret.</b> Pink ..... ½ oz. 50c.	.10
<b>Margaret.</b> Deep scarlet ..... ½ oz. 50c.	.10
<b>Margaret.</b> Giant Mixed ..... ½ oz. 40c.	.10
<b>Grenadin.</b> Deep scarlet ..... ½ oz. 60c.	.10
<b>Extra Double-flowering Mixed.</b> ½ oz. 40c.	.10
<b>CERASTIUM tomentosum (Snow in Summer).</b> H. P. Beautiful pure white flowers. Fine for edging and rockeries..	.25
<b>CHRYSANTHEMUMS.</b> A. Annual varieties.	
<b>TRICOLOR EVENING STAR.</b> Rich bright golden yellow ..... ¼ oz. 25c.	.10
<b>TRICOLOR MORNING STAR.</b> Large primrose colored ..... ¼ oz. 25c.	.10
<b>THE SULTAN.</b> Bright crimson. ¼ oz. 25c.	.10
<b>ECLIPSE.</b> Golden bronze..... ¼ oz. 25c.	.10
<b>CHAMAELEON.</b> Light coppery bronze changing to clear yellow... ¼ oz. 25c.	.10
<b>coronarium.</b> Double yellow... ½ oz. 20c.	.05
<b>coronarium.</b> Double white... ½ oz. 20c.	.05
<b>coronarium.</b> Double, fine mixed ..... ½ oz. 15c.	.05
<b>Shasta Daisy.</b> H. P. A fine hardy perennial ..... ½ oz. 40c.	.10
<b>CLEOME pungens (Spider Wort).</b> A. Fine for massing. Rosy lilac... ¼ oz. 25c.	.10
<b>COLEUS.</b> A. Most popular ornamental foliage plant for bedding.	
Large-leaved hybrids, Mixed.....	.25
Choice hybrids, Mixed.....	.10
<b>COIX lachryma (Job's Tears).</b> A. Good for teething babies ..... Oz. 15c.	.05



Campanula Medium



Cosmos, New Early Giants.

	Pkt.
<b>CENTAUREA</b> (Ragged Sailor). A. A most beautiful Summer-flowering plant.	
<b>Imperialis.</b> A new race of giant sweet Sultans .....	
White, Pink, Lilac, Purple... 1/8 oz.	.30c. .15
Finest Mixed .....	1/4 oz. .25c. .10
<b>Blue Emperor</b> (Bachelors Button) true deep blue .....	1/2 oz. .25c. .10
<b>Double Blue.</b> Same color as the Blue Emperor .....	1/4 oz. .25c. .10
<b>Cyanus</b> (Cornflower). Pure white, pink, purple .....	1/4 oz. .25c. .10
<b>Sweet Sultan.</b> Choice mixed... 1/4 oz.	.10c. .05
<b>sauveolens</b> (Sweet Sultan). Yellow .....	1/2 oz. .15c. .10
<b>Nana Compacta Blue.</b> Of extra dwarf fine compact habit .....	1/8 oz. .25c. .10
<b>gymnocarpa</b> (Dusty Miller). Silvery gray foliage. Fine for bedding... 1/2 oz.	.50c. .10
<b>candidissima.</b> Thick, silvery white foliage .....	1/2 oz. .35c. .10

PERENNIAL VARIETIES.

Montana Large Flowering Blue.....	.10
Ruthenica. Deep Sulphur Yellow.....	.10

**COSMOS.** A. Single star-like flowers.

**NEW GIANT EARLY FLOWERING.** A new and much improved strain of the early flowering Cosmos. The flowers are larger than the old type, freer blooming and considerably earlier. Height 3 to 4 ft. Extra select saved seeds.

Deep and Light Pink..... 3 pkgs.	50c. .20
White .....	3 pkgs. 50c. .20
<b>Lady Lenox.</b> Beautiful shell-pink .....	1/2 oz. .40c. .10
<b>Lady Lenox White.</b> A pure white of extra large size..... 1/2 oz.	.50c. .15
<b>NEW GIANT HYBRIDS.</b> Colors range from crimson to deep rose, pale rose blush and white .....	.25

	Pkt.
<b>Giant Late-flowering, White, Pink, Crimson</b> .....	1/2 oz. 20c. .05
<b>Giant-flowering Mixed</b> .....	1/2 oz. 20c. .05
<b>Klondike.</b> Orange yellow ... 1/2 oz.	20c. .10
<b>Early-flowering. White, Pink, Crimson</b> .....	1/2 oz. 35c. .05
<b>Early-flowering, Mixed</b> .....	1/2 oz. 30c. .05



	Pkt.
<b>Cosmos, Double</b>	
Double White .....	1/8 oz. \$1.00 .50
Double Pink .....	1/8 oz. \$1.00 .50
Double Crimson .....	1/8 oz. \$1.00 .50
<b>CLEMATIS.</b> H. P. Large flowering hybrids	
Mixed .....	.15
<b>paniculata.</b> Small, Fall-flowering; sweet-scented; white .....	.10





Pride of Castle Gould.

<b>CELOSIA</b> (Cockscomb). A.	Pkt.
<i>aurea pyramidalis</i> . Golden yellow.....	.10
<i>alba pyramidalis</i> . Creamy white.....	.10
<i>coccinea pyramidalis</i> . Crimson.....	.10
<b>Pride of Castle Gould</b> . The most beautiful Cockscomb grown. Colors blood red, carmine, golden yellow, salmon, deep scarlet, wine red and orange. Mixed, all colors.....	.25
<i>Thompsonii magnifica</i> . Strain of Ostrich Plume. Choice mixed.....	.10
<i>Glasgow Prize</i> . Dwarf crimson.....	.10
<i>plumosa</i> . Choice mixed.....	.05
<b>CONVOLVULUS</b> (Morning Glory). A. A rapid climber. Too well known to need description.	
White .....	Oz. 20c. .05
Pink .....	Oz. 20c. .05
Blue .....	Oz. 20c. .05
Crimson .....	Oz. 20c. .05
Striped .....	Oz. 20c. .05
Finest Mixed .....	¼ lb. 35c., oz. 10c. .05
<b>COREOPSIS</b> <i>lanceolata</i> (Golden Glory). H. P. A desirable hardy, golden yellow flower of great showing. Should be in every border. Fine for cutting. ....	¼ oz. 25c. 10
<b>CUPHEA</b> (Cigar Plant). A Useful for bedding and pot plants.	
<i>platycentra</i> . Scarlet and purple.....	.15
<b>CUCUMIS</b> . A. Very desirable as a rapid climber. Snake or Gooseberry fruited .....	½ oz. 20c. .10

<b>CYPRESS VINE</b> . Beautiful climbing annual with feathery dark green foliage. Finest mixed .....	½ oz. 30c. .10
<b>CLARKIA</b> . A. Beautiful annual plant. Fine for outdoor and pot plants.	
Double Pure White.....	¼ oz. 50c. .10
Double Salmon Queen.....	¼ oz. 50c. .10
Double Carmine Scarlet.....	¼ oz. 50c. .10
Double Purple .....	¼ oz. 50c. .10
Double and Single Mixed. Finest varieties .....	¼ oz. 25c. .10
<b>CLEMATAQUILA</b> . Supposed at one time to have originated in a cross between <i>Clematis</i> and <i>Aquilegia</i> ....	½ oz. 25c. .10
<b>CLIANTHUS</b> <i>Dampieri</i> . G. H. Trailing clusters of bright red flowers.....	.10
<b>COBAEA</b> <i>scandens</i> (Cathedral Bells). A. A quick-growing annual vine, with bell-shaped purple flowers..	¼ oz. 25c. .10
<i>flora alba</i> .. White.....	.10
Mixed. Blue and white.....	.10
<b>CINERARIA</b> . G. H. The following have been obtained from English specialists.	
Wilk's Exhibition <i>hybrida</i> . Mixed.....	.50
Wilk's Cactus-flowering.. Mixed.....	.50
Wilk's <i>stellata</i> -flowering.. Mixed.....	.25
Wilk's Choicest Double-flowering. Mixed	.75
<i>maritima</i> Diamond. Pretty silver foliage. For bedding purposes only.....	.10



Cineraria

## Wilk's Exhibition Hybrids

<b>CYCLAMEN</b> . G. H.	Pkt.
<b>Giant-flowering Bright Rose</b> .	
50 seeds \$1.25, 100 seeds 2.25	.50
<b>Blood Red</b> .	
50 seeds \$1.25, 100 seeds 2.25	.50
<b>Pure White</b>	
50 seeds \$1.25, 100 seeds 2.25	.50
<b>White with Eye</b> .	
50 seeds \$1.25, 100 seeds 2.25	.50
<b>Bright Salmon Red</b> .	
50 seeds \$1.25, 100 seeds 2.25	.50
<b>Bright Salmon Red, with Eye</b> .	
50 seeds \$1.25, 100 seeds 2.25	.50
<b>Mixed</b> .....	.50

<b>Persicum giganteum.</b> Superb strain.	Pkt.
Mixed .... 10 seeds 15c., 20 seeds 25c.	
<b>Butterfly Hybrids.</b> Beautifully fringed.	.50
<b>DAHLIAS.</b> Roots should be taken up in Fall and stored in a cool place during Winter. Plant in shallow box or pot early in April and transplant carefully as soon as danger of frost is over.	
<b>Extra Large-flowering Double, Superb Mixed</b> .....	.10
<b>Extra Large-flowering Double cactus, Superb Mixed</b> .....	.10
<b>Extra Large-flowering Single Cactus, Superb Mixed</b> .....	.10
<b>Extra Large-flowering Single Varieties Superb Mixed</b> .....	.10
<b>DATURA (Trumpet Flower).</b> Double fine mixed .....	.10



<b>Larkspur, Giant Hyacinths, Flowering DELPHINIUM (Larkspur).</b>	Pkt.
<b>Giant Hyacinth-flowering. A.</b> A very pretty annual Larkspur. Flower heads resemble the Hyacinth flower. Fine for bedding and borders.	
..... ¼ oz. 20c., oz. 75c.	.10
Collection containing six varieties.....	.50
<b>Perennial Larkspur. H. P.</b>	
<b>Chinensis.</b> Pure blue, branching habit, 2 ft. ....	.10
<b>Belle Donna Hybrids.</b> Choice mixture of blue shades .....	.25
<b>Formosum.</b> Dark blue..... ¼ oz. 50c.	.10
<b>Formosum coelestinum.</b> Delicate sky blue .....	.10

<b>Nudicale.</b> Dwarf; beautiful scarlet....	Pkt.
<b>Zahil.</b> Hardy yellow.....	.35
<b>Hybridum, Mixed</b> ..... ½ oz. 75c.	.25
<b>Finest Mixed</b> .....	.10
<b>DIGITALIS (Foxglove).</b> H. P.	
Very ornamental. Fine for borders and between shrubbery.	
<b>PURE YELLOW.</b> Grows like the other varieties, 4 to 5 feet tall, and has the most beautiful clear yellow flowers. A great acquisition to the Digitalis family .....	¼ oz. 50c. .25
<b>Montrosa White</b> .....	¼ oz. 50c. .10
<b>Montrosa Pink</b> .....	¼ oz. 50c. .10
<b>Montrosa Purple</b> .....	¼ oz. 50c. .10
<b>Beautiful Mixed</b> .....	Oz. 40c. .05



Dianthus Laciniatus.

<b>DIANTHUS.</b>	Pkt.
<b>Single Annual Varieties. Pure White,</b>	
<b>Dark Red, Pink</b> .....	.10
<b>The Bride.</b> White with purple eye..	.10
<b>Chinese, or Indian Pink.</b> Choice mixed	.05
<b>Large-flowering Single Mixed. Extra fine</b> .....	.10
<b>Laciniatus Fringed.</b> Single mixed...	.10
<b>DIANTHUS Double Annual Varieties. Pure White, Dark Purple, Blood Red.....</b>	.10
<b>Large-flowering Double. Extra fine, mixed</b> .....	½ oz. 25c. .10
<b>Laciniatus Fringed.</b> Double mixed..	.10
<b>DIANTHUS plumarius (Clove, or Garden Pink).</b> Very desirable, early blooming, sweet-scented, hardy garden Pink. Should be planted in sunny situations.	
<b>Single Mixed</b> .....	¼ oz. 15c. .05
<b>Double and Semi-Double. Choice Mixed</b> .....	.15
<b>DIMORPHOTHECA aurantiaca. A.</b> Daisy-like blossoms of a rich orange color; the disc is dark and surrounded by a black zone..... ¼ oz. 30c.	.10
<b>Aurantiaca Hybrida, fl. pl. (New),</b> a rich and varied mixture 40-50% double from seed .....	.35
<b>DOLICHOS (Hyacinth Bean). A.</b> A sweet-scented, rapid-growing climber, with handsome purple and white flowers.	
<b>Mixed Colors</b> .....	Oz. 20c. .05



	Pkt.
<b>DRACAENA Australis.</b> G. H. Ornamental foliage .....	.25
indivisa. Long, narrow, green-leaved..	.10
<b>ECHEVERIA</b> (Hen and Chickens). A. Pretty for rockeries and carpet bedding .....	.75
<b>ECHINOCYSTIS</b> (Climbing Wild Cucumber). A. A very rapid-growing annual climber .....	.10
<b>EDELWEISS</b> ( <i>Leontopodium alpinum</i> ). H. P. The famous Edelweiss of the Swiss Alps. Pure silvery, star-shaped flowers. Plant in sunny situation; soil not too rich.....	.25
<b>ESCHSCHOLTZIA</b> (California Poppy). A. California. Original yellow .....	.05
Douglasii. Golden yellow with dark center. Very early flowering. ....	.10
Carmine King. Very dark carmine red .....	.10
Mandarin. Deep orange.....	.05
Alba. White .....	.05
Rosea .....	.05
Maritima (Cross of Malta). Orange spotted .....	.10
Special Choice Single Mixed....	.05
<b>EUPATORIUM Fraseri.</b> H. P. Very pretty snow-white flowers. Fine for cutting and bouquets.....	.10
<b>EUPHORBIA</b> <i>variegata</i> (Snow on the Mountain). A. Very showy; veined and edged white and green foliage. Fine for planting in clumps between shrubbery .....	.05
<b>FERNs.</b> G. H. Greenhouse varieties. Finest mixed .....	.35
<b>FERNs.</b> H. P. Hardy varieties. Finest mixed .....	.50
<b>FUCHSIAS.</b> Finest varieties, mixed.....	.05
<b>GENTIANA acaulis.</b> H. P. Intense blue flowers, with yellow marks. $\frac{1}{4}$ oz. 30c.	.05
<b>GERANIUM.</b> A. The most popular flower for garden and pot culture. Zonale. Choice mixed.....	.10
Finest and Fancy Varieties. Mixed....	.25
<b>GEUM coccineum.</b> H. P. Red. Fine for cutting .....	.10
Heldreichi. Beautiful orange.....	.25
<b>GILIA.</b> A. Very effective in masses and rockwork. Finest mixed... $\frac{1}{2}$ oz. 10c.	.05
<b>GOLDEN ROD.</b> H. P. The well-known National flower .....	.05
<b>GODETIA.</b> A. Fine for shady places. Very showy when grown in beds and masses. Gloriosa. Deep blood red.....	.10
Rosamund. Bright rose.....	.10
Bijou. Pure white inside, spotted crimson .....	.05
Duchess of Albany. Large, satiny white Fairy Queen. Blush, carmine spots....	.05
Dwarf Choicest Mixed..... $\frac{1}{4}$ oz. 20c.	.05
<b>GOMPHRENA.</b> ( <i>Globe Amaranth</i> ). A. Everlasting, Cloverlike flowers; usually preserved for Winter bouquets. Finest mixed .....	.05
<b>GREVILLEA robusta</b> (Silk Oak). G. H. Excellent for table decoration. Fern-like foliage .....	.10

	Pkt.
<b>GAILLARDIA</b> (Blanket Flower). <i>Picta.</i> A. Single mixed..... $\frac{1}{2}$ oz. 25c.	.05
<i>Picta Lorenziana.</i> A. Double choice mixed .....	.05
Perennial Varieties. Choicest and newest, mixed .....	.10



Gaillardia.

	Pkt.
<b>GOURDS.</b> A. Very desirable for trellis or fence covering. The plants bear fruits of varied forms. Finest Mixed .....	.10

## GRASSES (Ornamental)

<b>Pennisetum longistylum villosum.</b> A. Grayish-colored plumes. $1\frac{1}{2}$ feet...	.05
<b>Pennisetum Rupellianum.</b> A. Crimson plumes. 1 foot.....	.15
<b>GLOXINIA.</b> G. H. Wilk's Exhibition hybrida. Mixed.....	\$0.50
<b>HELICHRYSUM</b> (Everlasting Strawflower). A. An effective border plant. The best of the Everlasting flowers to preserve for Winter bouquets. Finest Double, Choice Mixed. $\frac{1}{4}$ oz. 25c.	.10
Collection containing six varieties.....	.50
<b>HESPERIS</b> (Sweet Rocket). B. Fragrant. White, purple .....	.05
<b>HEUCHERA sanguinea.</b> H. P. Slender, erect, wiry stems, producing innumerable vivid crimson flowers .....	.10
<b>HEMEROCALLIS</b> (Yellow Day Lily) Flava. Pleasing pure yellow .....	.25
<b>HONEYSUCKLE.</b> H. P. French Red .....	.05
White .....	.05
<b>HONESTY.</b> B. Admired for its silvery seed pouches. Mixed colors.....	.05



Gypsophila (Baby's Breath).

<b>GYP SOPHILA.</b> Free flowering plant, largely used for mixing with other cut flowers.	
Elegans alba (Angel's Breath). A. Large flowering; white	1/2 oz. 25c. .10
Elegans rosea. A. Soft pink.	1/2 oz. 25c. .10
Elegans carminea. Deep carmine.	
	1/2 oz. 15c. .05
Paniculata (Baby's Breath). H.P. Small, white-flowering; very pretty	
	1/2 oz. 25c. .10
<b>HELIANTHUS</b> (Sunflower).	
<b>RED</b> (New). Single, large, reddish brown flowers, merging to yellow at tip of petals, height about 6 ft. 3 pkgs. 25c.	.10
Californicus. A. Double, dark orange	
	Oz. 25c. .05
Diadem. Large flowering primrose color	Oz. 30c. .10
Cucumerifolius (Cut-and-Come-Again). A. Mixed. Especially good for cutting	1/4 oz. 25c. .10
Globosus fistulosus. A. Double; rich saffron color; very large.	Oz. 15c. .05
Nanus fl. pl. A. Dwarf; double. Very effective in borders and masses	
	Oz. 20c. .05
Multiflorus fl. pl. H. P. Hardy. Very fine for cutting.	Oz. 20c. .10
All Sorts. A. Good mixed.	Oz. 15c. .05
<b>ICE PLANT.</b> A. Foliage thick and wax-like. Suitable for rockwork and hanging baskets	.05
<b>IMPATIENS.</b> G. H. Charming greenhouse plant.	
Holstii New Hybrids. (Zanzibar Balsam). Large and bright colored.	.25
Sultani Hybrids. Brilliant rosy flowers, glossy green foliage.	.25
<b>INCARVILLEA DELAVAYI.</b> Handsome hardy perennial, flowers bell shaped, rich rosy carmine	.10
<b>IPOMOEA</b> (Moon Vine). A. Rapid-growing climbers, for arbors, walls, trellises, etc.	
Bona nox (Evening Glory). Lilac; large-flowering	Oz. 25c. .05

Coccinea (Star Ipomoea). Scarlet-red	Pkt. .05
Imperialis (Japanese Morning Glory). Giant Finest Mixed.	Oz. 25c. .10
Grandiflora alba (White Moonflower). Large, white and fragrant, measuring 4 to 5 inches in diameter.	
	1/2 oz. 40c., 10 seeds .10
Leari. Bright blue.	1/4 oz. 25c. .10
Rubra coerulea (Heavenly Blue).	
	1/4 oz. 30c. .10
Setosa (Brazilian Morning Glory). Rosy pink; borne in large clusters.	
	1/4 oz. 25c. .10
<b>HELIOTROPE.</b> A. Excellent for bedding and cutting. Very fragrant.	
<b>REGALE.</b> (Dwarf giant flowered heliotrope). This is a very fine improved variety of dwarfer habit, very fine flowers and early, with large masses of bloom	.25
Dark varieties mixed.	.15
Choice Mixed	.10



Heliotrope

	Pkt.
<b>KOCHIA trichophylla</b> (Summer Cypress). A. Very ornamental and fine for hedges. Bright green, very fine foliage, changing to carmine in Fall	.05
	1/2 oz. 20c. .05
<b>LANTANA hybrida.</b> A. Mixed. A splendid bedding plant and fine for pots	
	1/4 oz. 50c. .10
<b>LATHYRUS latifolius</b> (Everlasting Sweet Pea). H. P.	
White, Red, Pink.	1/2 oz. 40c. .10
Mixed	1/2 oz. 25c. .10
<b>LEPTOSYNE maritima.</b> A. Flower golden yellow like a single Dahlia and foliage resembling Cosmos; stems are extra long. Fine for cutting and greenhouse forcing	1/8 oz. 30c. .10
<b>LINARIA alpina.</b> H. P. Fine for rock-work	.25





Hollyhocks

**HOLLYHOCKS.** The well-known Summer-flowering plant. Very effective in large groups and for forming a background.

Charter's Strain. H. P.

Double White .....	1/8 oz. 60c.	.15
Deep Rose .....	1/8 oz. 60c.	.15
Salmon .....	1/8 oz. 60c.	.15
Crimson .....	1/8 oz. 60c.	.15
Pink .....	1/8 oz. 60c.	.15
Blood Red .....	1/8 oz. 60c.	.15
Yellow .....	1/8 oz. 60c.	.15
Purplish Violet .....	1/8 oz. 60c.	.15
Peach Blossom .....	1/8 oz. 60c.	.15
Apple Blossom .....	1/8 oz. 60c.	.15
Charter's Double Choice Mixed		
1/2 oz. 50c. ....		.10

Allegheny. A. Semi-double, with frilled edges. Will bloom the first year

Single Choice Mixed..... 1/8 oz. 30c. .10

**LOBELIA.** A. Charming little plants, covered with numerous small flowers all Summer.

Erinus cœrulea. Dark blue without eye .10

Emperor William. Bright sky blue. .10

..... 1/8 oz. 25c. .10

Crystal Palace. Deepest blue; dark foliage. The best for bedding.

..... 1/8 oz. 50c. .15

Dwarf Mixed ..... 1/8 oz. 15c. | .05 |

Cardinalis (Cardinal Flower). H. P. A. native perennial, forming strong spikes of crimson red flowers..... .35

**LINUM flavum** (Yellow Flax). A. A handsome annual .....  | .20 |

Grandiflora rubrum (True Scarlet)

.....Oz. 20c. .05

Grandiflora Blue ..... Oz. 30c. | .05 |

**LUPINUS.** H. P. A free flowering plant, Pkt. with long spikes of pea-shaped flowers.

Polyphyllus. White ..... 1/4 oz. 50c. | .15 |

Polyphyllus. Blue ..... 1/4 oz. 50c. | .15 |

Polyphyllis Rosea. Pink. New. Magnificent ..... 1/4 oz. 50c. | .15 |

Polyphyllus. Mixed ..... 1/4 oz. 40c. | .10 |

Tall Annual Sorts. Choice mixed

1/2 oz. 20c. .10

**ANNUAL VARIETIES.**

**DOUGLASSI.** A cross between the annual and perennial varieties height 3 ft., spikes of bloom fully 1 ft. in length, of various shades of purple, rosy purple and blue. If sown early in Spring will flower same year.

..... 1/4 oz. 25c. .10

Snow Queen. Pure white.... 1/4 oz. 25c. .10

Hartwegi. Blue ..... 1/4 oz. 20c. | .10 |

Hartwegi. White ..... 1/4 oz. 20c. | .10 |

Hartwegi. Roseum ..... 1/4 oz. 20c. | .10 |

**LYCHNIS.** H. P. Handsome perennial, growing about 2 feet.

Chalcedonica. Scarlet ..... 1/4 oz. 20c. | .10 |

Haageana hybrida. Mixed. Unusual colors ..... 1/8 oz. 30c. | .15 |

**MARVEL OF PERU** (Four O'Clocks). Handsome border plant, of compact growth, and splendid bloomers.

Finest Mixed Colors.....Oz. 25c. .05

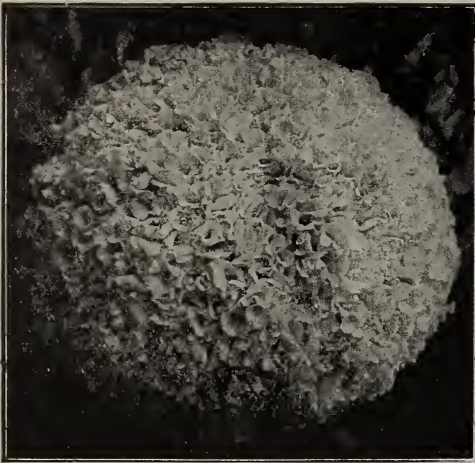


Lupinus Rosea

**MIMOSA pudica** (Sensitive Plant). G. H. Curious little plants. When touched they close and their leaves droop

..... 1/8 oz. 15c. .10

Pkt.



Marigold Lemon Queen

**MARIGOLD.** Very effective when planted in groups, beds or borders, producing a wealth of color.

Tall varieties:

Prince of Orange. Orange yellow	Pkt.
..... ¼ oz. 10c.	.05
Lemon Queen. Sulphur yellow	
..... ¼ oz. 10c.	.05
Tall African. Choice double mixed	
..... ½ oz. 15c.	.05

**MARIGOLD, Dwarf Varieties:**

Tagetes signata pumila. A beautiful dwarf plant, forming a globular dense mass, for bedding or borders.	
..... ¼ oz. 50c.	.15
Aurora. Double; clear, yellow pink	
..... ¼ oz. 25c.	.15
Golden Ball. Fine golden yellow	
..... ¼ oz. 35c.	.15
Silver King. Single; light sulphur yellow, brown spotted..... ¼ oz. 30c.	.15
Legion of Honor. Single yellow, spotted velvety brown. Very dwarf. The finest for edging	
..... ¼ oz. 10c.	.05

Choice Double Mixed Dwarf Varieties. .... ½ oz. 15c. .05

**MIMULUS** (Monkey Flower). A. Handsomely blotched and striped. Profuse bloomer. Finest mixed... ½ oz. 35c. .10

**MOSCHATUS** (Musk Plant). For hanging baskets. Musk-scented leaves; yellow flowers ..... 1/32 oz. 25c. .15

**MUSA Ensete** (Abyssinian Banana). G. H. Splendid tropical plant. May be grouped with other plants outdoors during Summer. Pkt. 10 seeds 50c.

**MIGNONETTE** (Reseda). A. The most popular fragrant annual flower, of delicate odor.

Wilk's Victory Forcing. The finest for forcing. Very long spikes. ½ oz. \$1.50 .25

Allen's Defiance. 1½ ft. Very long spikes; very fragrant, and fine for cutting ..... ½ oz. 20c. .10

Machet. The best for inside or outdoors. Is an everbloomer, till late in Fall ..... ¼ oz. 25c. .10

Choice Mixture ..... Oz. 15c. .05

Bismarck. Very large; red; fragrant; strong ..... ½ oz. 15c. 10

Gabrielle. Very sweet. One of the best Pkt. for outdoors ..... ½ oz. 15c.	.10
Giant Pyramidal. Large flower. Splendid for cutting ..... ½ oz. 10c.	.05
Goliath (New). Very heavy spikes, of bright red color..... ½ oz. 25c.	.15
MYOSOTIS (Forget-Me-Not). B. Succeeds best in shady, moist place. If sown early will bloom the first season.	
Ruth Fisher (New). Extra large-flowering dwarf. Lovely blue; heavy bloomer ..... ½ oz. \$1.75	.35
Alpestris Victoria. Azure blue. Fine for pots, and edging..... ½ oz. 25c.	.10
Palustris. H. P. The true swamp Forget-Me-Not ..... ½ oz. 75c.	.20
Alpestris alba. White..... ½ oz. 20c.	.10
Alpestris rosea. Pink..... ½ oz. 25c.	.10
(NOBILE) NEW ZEALAND GIANT FORGET-ME-NOT. Seed should be sown in heat, pricked out and finally transplanted into open ground, succeeds best in a shady situation and is of easy growth, flower stems 18 in. in height above the foliage flowers large, deep blue edges white..... ½ oz. 50c.	.25
Choice Mixed .....oz. \$1.00; ½ oz. 15c.	.05



Feverfew Double White

**MATRICARIA** (Feverfew). H. P. Fine Pkt. for borders and cutting.

Capensis fl. pl. Double white..... \$0.10

Golden Ball. Very striking. Suitable for edging ..... .10

## NASTURTIIUM—Annual

No annual will produce such a lavish profusion of flowers. Suitable for bedding and edging and will thrive in the poorest soil. Fine for cut flower purposes and very sweet-scented.

## Tall Climbing, or Creeping Varieties

Chameleon. Yellow blotched..... Oz. 15c. .05

King Theodore. Crimson, very dark ..... Oz. 15c. .05

Prince Henry. Light yellow, red spotted ..... Oz. 15c. .05

Vesuvius. Salmon rose..... Oz. 15c. .05

Wilk's Special Tall. Choice mixture of the finest colors ..... Oz. 15c., ¼ lb. 50c., lb. \$1.50 .05

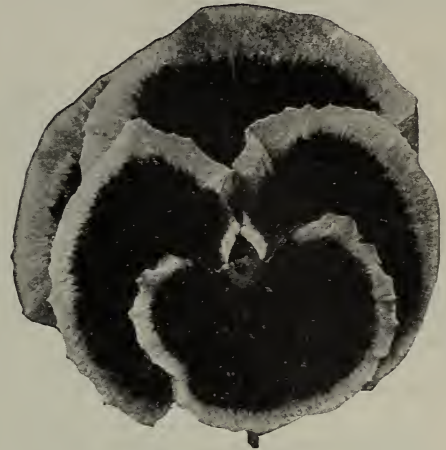




Nasturtium, Crystal Palace Gem

### Dwarf Varieties

Aurora. Terra cotta	Oz. 15c.	.05
Prince Henry. Yellow and crimson	Oz. 15c.	.05
Chameleon. Yellow blotched	Oz. 15c.	.05
Crystal Palace Gem. Sulphur, maroon spots	Oz. 15c.	.05
Empress of India. Brilliant dark scarlet	Oz. 15c.	.05
Golden King. Golden Yellow; dark leaved	Oz. 15c.	.05
King Theodore. Velvety, black red. One of the finest	Oz. 15c.	.05
Wilk's Special Dwarf. Choice mixture of the finest colors	Oz. 15c., ¼ lb. 50c., 1b. \$1.50	.05
NEMESIA. A valuable, long-blooming annual, with splendid large flowers varying from creamy white to deep orange and carmine; useful for bedding. 1 ft. Finest Mixed		.15
NIGELLA (Love-in-a-Mist). A.		
Miss Jekyll. Splendid sky blue	¼ oz. 20c.	.10
Finest Double Mixed	½ oz. 10c.	.05
NICOTIANA (Tobacco plant). A.		
Affinis. Flowers long, white, tube-shaped	½ oz. 15c.	.05
Sylvestris (New). Very fine; pure white	½ oz. 20c.	.10
Sanderae. Hybrids, mixed	½ oz. 25c.	.10
OENOTHERA (Evening Primrose). A.		
Beautiful saucershaped flowers, opening at dusk; delightful perfume; colors white, yellow and rose		
Choicest Mixed		.10
OXALIS. Fine for rockwork and for rustic baskets.		
rosea. Delicate rose	½ oz. 50c.	.10
tropaeoloides. Deep yellow	½ oz. 50c.	.10
PASSIFLORA coerulea (Passion Flower.)		
G. H. A beautiful vine for windows or trellises		.10



### PANSIES

WILK'S TRIUMPH OF THE GIANTS	Pkt.
Mixed. The finest and largest strain sold. Pkt. 25c., ½ oz. \$2.00, ¼ oz. \$3.50, ½ oz. \$6.75, oz. \$12.50.	
Canary Bird (Golden Queen). Pure yellow; fine	½ oz. \$1.00 .15
Lord Beaconsfield. A rich combination of purple and lavender	½ oz. 85c. .15
Madam Perret. Dark wine, beautifully veined	½ oz. \$1.00 .15
Snowflake (New). Very fine. Pure white	½ oz. \$1.00 .15
English Strains of Giant Mixed	½ oz. \$1.50 .20
Choice Mixed	½ oz. \$1.00 .10
PENTSTEMON. H. P. Highly ornamental graceful in habit. Used mostly for borders.	
GRANDIFLORUM EXCELSIOR MIXED.	
After several years constant and rigorous selection for size and color, we are pleased to be able to offer a really grand strain of this lovely flower. The blooms are of great size, almost as large as a Gloxinia, and range in color from white to the deepest scarlet, have every confidence in recommending this grand strain as something exceptional	.25
Gloxinioides. Mixed. Flowers from seeds the first year	.10
PETUNIA. A. Handsome, sweet-scented flowers. Blooms throughout the Summer.	
Wilk's Double Fringed. Mixed. Most beautiful	.50
Violet Blue. Dark blue. New	.50
Grandiflora. Extra large flowering.	
Mixed	.25
Rosy Morn. Soft carmine-pink	½ oz. 50c. .20
Gloria. Carmine-rose. New	.15
Snowball. Pure white; extra dwarf	½ oz. 40c. .10
Norma. Dwarf; blue, with white star	.15

Inimitable. Striped and blotched	Pkt.
..... 1/8 oz. 30c.	.10
Hybrida. Choice mixed.....	.10
Finest Mixed .....	.05

POPPY

POPPY (Papaver). A. A very popular flower. Sow in early Spring. Sow thin, so they can remain, as they do not stand transplanting very well.

Single Varieties

Danebrog. Brilliant scarlet, white spotted .....	.05
The Bride. Pure white.....	.05
Tulip Poppy. Bright scarlet.....	.10
King Edward. Deep scarlet.....	.10
Mephisto rosea .....	.10
Single-flowering Extra Fine Mixed .....	.10
..... 1/8 oz. 25c.	
Peony-flowering Single Fine Mixed .....	.10
..... 1/8 oz. 25c.	

Double Varieties (Very Fine)

Mikado. Like Japanese Chrysanthemum .....	.10
..... 1/8 oz. 20c.	
American Flag. Brilliant rose and white .....	.10
..... 1/8 oz. 20c.	
White Swan. Double white. 1/8 oz. 20c.	.10
Double-flowering Extra Fine Mixed .....	.05
..... 1/4 oz. 20c.	
Peony-flowering Double Fine Mixed .....	.05
..... 1/4 oz. 20c.	
POPPY, SHIRLEY (Silk Poppy). A	
Salmon Pink .....	.10
..... 1/8 oz. 35c.	
Apricot .....	.10
..... 1/8 oz. 35c.	
Choice Mixed .....	.05
..... 1/4 oz. 10c.	
Nudicaule (Iceland Poppy). Finest mixed .....	.10
..... 1/8 oz. 25c.	
Alpina. Finest mixed. Very low.....	.15

Poppy Orientalis

Apricot Queen. Large apricot. 1/8 oz. 40c.	.10
Salmon Queen. Salmon yellow. 1/8 oz. 50c.	.10
Mrs. Perry. Orange apricot; very fine .....	.10
..... 1/8 oz. 40c.	
Orientalis. Hybrid mixed.... 1/4 oz. 15c.	.10



PHLOX

PHLOX DRUMMONDII. A. Nothing surpasses these beautiful annuals. They produce large clusters of brilliant colored flowers.

Extra Large-Flowering		Pkt.
Alba. Pure white.....	1/8 oz. 30c.	\$0.10
Isabellina. Yellowish white..	1/8 oz. 30c.	.10
Kermesina. Crimson, with white eye. ....	1/8 oz. 30c.	.10
Alba oculata. White, purple center. ....	1/8 oz. 30c.	.10
Coccinea. Fiery red.....	1/8 oz. 30c.	.10
Orbicularis. Dark rose, white striped. ....	1/8 oz. 30c.	.10
Collection containing twelve varieties..		.60
Extra Large-flowering Mixture .....	1/8 oz. 25c.	.10
Cuspidata. Star-shaped flowers. Finest mixed .....	1/8 oz. 25c.	.10
Fimbriata. Finest fringed. Mixed .....	1/8 oz. 25c.	.10
PERENNIAL, or HARDY PHLOX		
Decussata. New Hybrids. Extra fine mixed .....	1/8 oz. 50c.	.15
PLATYCODON (Chinese Bellflower). H.P.		
Produces very showy, bell-shaped flowers during the whole Summer. Good for borders.		
Single Blue .....		.05
Single White .....		.05
PORTULACA (Rose Moss). A.		
Large-Flowering Single Sorts.		
White .....	1/8 oz. 25c.	.10
Golden Yellow .....	1/8 oz. 25c.	.10
Pink .....	1/8 oz. 25c.	.10
Scarlet .....	1/8 oz. 25c.	.10
Striped .....	1/8 oz. 25c.	.10
Choice Mixed .....	1/8 oz. 25c.	.10
Large-flowering Double Sorts.		
Choice Mixed .....	1/8 oz. 50c.	.15
PRIMULA. G. H. The most charming		
Winter flowering house plant. Easily grown from seeds.		
Chinensis. Large-flowering Fringed.		
Extra large flowering King Edward White .....		.75
Extra large flowering Princess May Blush .....		.75
Extra large flowering Carmine .....		.75
Extra large flowering Blue .....		.75
Obconica gigantea rosea. Beautiful giant-flowering pink .....		.25
Obconica Kermesina. Brilliant crimson. ....		.25
Obconica grandiflora. Choicest Mixed..		.25
Malacoides. Light lilac on graceful stems .....		.25
Stellata (Star Primrose). A distinct and valuable variety for pot culture and table decoration. Finest Choice Mixed .....		.50
Vulgaris (English Yellow Primrose). H. P. ....		.10
PYRETHRUM. H. P.		
Hybridum. Single Choice Mixed .....	1/8 oz. 25c.	.10
Hybridum. Extra Double Choice Mixed Aureum (Golden Feather). Foliage bright yellow. Fine bedder.....		.25
Selaginoides. Fern-leaved. Very fine..		.10
RICINUS (Castor Oil Plant). A. Highly ornamental; of stately growth.		
Borboniensis. Dark green foliage. 15 feet .....	Oz. 35c.	.10
Cambodgensis. Richly colored foliage. 5 feet .....	Oz. 35c.	.10
Gibsoni. Dwarf, dark red foliage. 6 feet .....	Oz. 35c.	.10
Zanzibarensis. Enormous; beautifully marked. Finest mixed .....	Oz. 20c.	.05



**PUERARIA** (Kudzu Vine, or Jack and the Bean Stalk). H. P. A rapid climber. Large, round leaves. Flourishes where nothing else will grow. . . .  $\frac{1}{4}$  oz. 35c. .05

**RHODANTHE**. A. Beautiful everlasting straw flowers. Used for Winter decoration. Finest mixed . . . . . .05

**RUDBECKIA** (Coneflower). A. Fine border plant.

bicolor superba. Bright yellow, brownish center. Fine for cutting. . . . . .10

Newmanni. H. P. Large, golden yellow .10



Salpiglossis, New Hybrid

**SALPIGLOSSIS**. A. One of the most beautiful annuals. Should be in every garden.

Tall-Flowering, Finest Mixed. . . . . .15

New Hybrid-Flowering, Choicest Mixed . . . . . .25

Collection Containing six varieties, 50c.

**SALVIA** (Scarlet Sage). A. A favorite bedding plant. Keeps the garden bright till late in Autumn. Blooms from July till frost.

Bonfire, or Clara Bedman. Brilliant scarlet. Fine bedder. . . . .  $\frac{1}{2}$  oz. 50c. .10

Splendens. Original Scarlet Sage . . . . .  $\frac{1}{2}$  oz. 50c. .10

Fireball. The largest of all. Very free-flowering . . . . .  $\frac{1}{2}$  oz. 60c. .10

**Farinacea**. A perennial variety. Seeds sown in the open ground in May bloom from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line. 2 feet. . . . .  $\frac{1}{2}$  oz. 25c. .10

**Zurich**. Very dwarf, compact habit. Fine for beds and borders. . . . . .20

**Patens**. Bright Blue. . . . . .25

**SANVITALIA procumbens**. A. Small, double flowers; blooms abundantly. Fine for edging. . . . .  $\frac{1}{8}$  oz. 25c. .05

**SAPONARIA acymoides**. H. P. Small rock plant, with bright rose flowers . . . . .  $\frac{1}{2}$  oz. 20c. .10

**SCABIOSA** (Pincushion Plant). A. A handsome border plant, with large double flowers in great variety of shades and colors; long stems. Fine for cutting.

Dwarf Double Finest Mixed. . . . .  $\frac{1}{4}$  oz. 20c. .05

Tall Double Finest Mixed. . . . .  $\frac{1}{4}$  oz. 20c. .05

Caucasia. H. P. Beautiful soft lavender

Caucasia alba. White. . . . . .30

**SCHIZANTHUS** (Poor Man's Orchid).

**LARGE BUTTERFLY FLOWERING HYBRIDS**. These surpass any other strain for its size of flowers, gorgeous colors, and diversity of shades. The habit is bold and branching forming bushes from  $1\frac{1}{2}$  ft. to  $2\frac{1}{2}$  ft. high, and of equal diameter. . . . . .50

Wisetonensis. Finest for pot culture.

Wilk's Select Choice Mixture. . . . . .25

Finest Mixed . . . . . Oz. 50c. .10

<b>SEDUM</b> <i>cœruleum</i> (Blue Stonecrop). A Pkt.	
Fine for carpet bedding.....	.25
<b>SHAMROCK.</b> H.P. True Irish Shamrock..	.10
<b>SILENE</b> (Catchfly). A. Suitable for rock-work or open border.	
<i>Armeria</i> . Mixed .....	.05
<i>Pendula</i> . Mixed .....	.05
<b>SMILAX.</b> G. H. Very graceful climber.	
Strings of fine foliage. Used for decoration .....	½ oz. 40c. .10
<b>STEVIA</b> <i>serrata</i> . A. White, star-shaped flowers; very fragrant. Fine for cutting .....	½ oz. 25c. .10
<b>SWAINSONIA.</b> G. H. Covered with abundant waxy, Sweet Pea-like flowers.	
<i>Grandiflora alba</i> .....	.25
<i>Grandiflora rosea</i> .....	.25
<b>STREPTOCARPUS.</b> Handsome pot plants, bearing for a long time in succession, large trumpet shaped flowers, ranging in color from lavender, purple, and rose to pure white. Seedlings raised in early spring, flower in summer.	
Choice mixed .....	.50



Stock Lenox Pink

STOCKS

All my Stock seeds are procured from the best growers and guaranteed to be from 80 to 90 per cent. double. Their charming colors, delightful fragrance and free-blooming qualities make them general favorites for both Summer and Winter flowering.

Awarded first prize at the New York Spring Show for 3 years in succession. Greenhouse saved seeds. Finest strain for greenhouse and outdoor culture.

	Pkt.
<b>Lenox White</b> .....	½ oz. \$1.25 .75
<b>Lenox Pink</b> .....	½ oz. \$1.25 .75
<b>Lenox Yellow</b> .....	½ oz. \$1.00 .50
<b>Lenox Purple</b> .....	½ oz. \$1.00 .50
<b>Queen Alexandria.</b> Lilac rose. ½ oz.	\$1.00 .50
<b>Empress Augusta Victoria.</b> Silvery, delicate light rose.....	½ oz. \$1.00 .50

Large-Flowering Ten-Weeks Stocks

<b>Heathen Beauty.</b> A mammoth ten weeks' stock of distinct color, rich mauve, shaded terra cotta.....	Pk	.35
<b>Apple Blossom</b> .....	½ oz. \$1.00	.20
<b>Crimson</b> .....	½ oz. \$1.00	.20
<b>Lilac</b> .....	½ oz. \$1.00	.20
<b>Pink</b> .....	½ oz. \$1.00	.20
<b>Salmon</b> .....	½ oz. \$1.00	.20
<b>White</b> .....	½ oz. \$1.00	.20
<b>Violet</b> .....	½ oz. \$1.00	.20
<b>Yellow, Rose Tinted</b> .....	½ oz. \$1.00	.20
<b>Finest Mixed of Above Colors</b> ...	½ oz. 75c.	.10
<b>VIRGINIAN STOCKS.</b> Sweet scented, splendid for edging.		
<i>White</i> .....	½ oz. 40c.	.10
<i>Crimson</i> .....	½ oz. 40c.	.10
<i>Yellow</i> .....	½ oz. 40c.	.10
<i>Red</i> .....	½ oz. 40c.	.10



Sweet Peas Helen Lewis

Sweet Peas should be sown as early in Spring as the ground can be prepared. Manure well, making the drills about five inches deep. Sow plentifully, covering about two inches deep, and by degrees, as the vines grow up, fill the trenches with soil, care being taken not to draw the soil on the top of the growing vines. The following list embraces all the most desirable new and distinct large-flowering varieties of recent introduction, which cannot fail to give satisfaction. One ounce will sow about 8 feet of row, ¼ pound for 35 feet.

**Garden Prize Collection of 12 newest Spencer and large flowering varieties.**

- One packet of each for \$3.50.
- One half ounce of each for \$5.00.
- One ounce of each for \$7.50.



**Spencer and Grandiflora Varieties**

	Pkt.	Oz.
Afterglow. Violet Blue.....	.20	1.00
America Spencer. Scarlet striped.	.20	.70
Apple Blossom Spencer. Bright rose, wings primrose.....	.20	.70
Asta Ohn Spencer. Soft pinkish lavender.....	.20	.70
Beatrice Spencer. Deep pink and buff.....	.20	.70
Black Knight Spencer. Dark Maroon.....	.20	.80
Blanche Ferry Spencer. Rose, wings tinted light pink.....	.20	.70
Captain of the Blues Spencer. Purple.....	.20	.70
Charles Foster. Combination of mauve and pink.....	.20	.80
Countess Spencer. Pure white...	.20	.70
Dainty Spencer. White, picotee edge.....	.20	.80
Decorator. Crimson and orange..	.50	2.00
Dobbie's Cream. Deep cream....	.30	1.30
Duplex Spencer. Rich cream pink.	.20	1.00
Elfrida Pearson. Giant blush pink	.20	.70
Ethel Roosevelt. Primrose striped	.20	.70
Etta Dyke. White.....	.20	1.00
Frank Dolby. Lavender.....	.20	.70
Flora Norton Spencer. Light blue	.20	.70
Florence Nightingale. A very large finely waved bluish lavender.	.20	.70
Florence Morse Spencer. White and Blush pink edge.....	.20	.80
Geo. Herbert. Rose carmine.....	.20	.70
Gladys Unwin. Blush pink.....	.20	.60
Helen Lewis. Beautiful orange pink.....	.20	1.00
Helen Pierce Spencer. Marbled blue on white.....	.75	2.00
Hercules. Giant clear pink.....	.30	1.20
Hon. Mrs. E. Kenyon. Large primrose.....	.20	.70
Illuminator. Bright salmon cerise	.40	1.50
King Edward Spencer. Pure red..	.20	.70
King White. Purest white enormous size.....	.40	1.30
Lovely. Soft pink, fine.....	.30	.90
Margaret Atlee. Rosy salmon buff	.50	1.50
Margaret Madison. (New). Lavender pink.....	.20	.70
Miriam Beaver (new). Light apricot and buff.....	.75	2.00
Mrs. Routzahn Spencer. Apricot pink.....	.20	.60
Mrs. Walter Wright.. Rose purple	.20	.60
Nora Unwin. White.....	.20	.60
Nubian. Giant chocolate color...	.20	.70
Othello Spencer. Rich deep maroon.....	.30	1.00
Queen Alexandra. Scarlet.....	.20	.70
Queen Victoria Spencer. Primrose	.20	.70
Robert Sydenham. Great English variety, orange colored.....	.80	2.00
Royal Purple. Rich purple.....	.70	2.00
Senator Spencer. Chocolate purple white striped.....	.20	.70
Sterling Stent. Deep salmon.....	.30	1.20
Sunproof Crimson. Crimson.....	.30	1.20
Tennant Spencer. Rosy purple...	.20	.70
Veiled Bride. Pink Helen Pierce.	1.00	2.00
Wedgewood. Blue.....	.30	1.20
White Spencer. Pure white.....	.20	1.00

	Pkt.	oz.
<b>SPECIAL SPENCER MIXTURE.</b>		
Including above colors.....	.10	.35
4 ozs. \$1.00, lb. \$3.50.		

**Christmas or Winter-Flowering Sweet Peas**

A separate class that has become popular for greenhouse forcing. They start blossoming in from eight to twelve weeks from sowing and blossom uninterruptedly for weeks. The flowers are of very fine size, on long stems, grown out-of-doors they blossom early but smaller.

	Pkt.	Oz.
Early Heather Bell. Rich mauve..	\$0.25	\$1.00
Early Melody. A deep pink.....	.25	1.00
Early Morning Star. A deep orange-scarlet.....	.25	1.00
Early Snowflake. The best early-flowering white-seeded.....	.25	1.25
Early Song Bird. Beautiful soft pink, very large.....	.25	1.00
Early Spring Maid. Light pink..	.25	1.25

**Orchid Flowering Winter Varieties**

	Pkt.	oz.
Zvolanek's Rose. The finest clear dark shell pink enormous flower, free bloomer and a good keeper.....	1.00	8.00
White Orchid. One of the best whites. White seeded.....	.25	1.25
Yarrowa. The finest pink forcer.	.25	1.00
Rose Queen. One of the best pinks; true.....	.25	1.50
Zvolanek's Blue. Light blue of the Blue Jay color.....	.50	1.50
Mrs. A. A. Skach. Bright pink self	.25	1.00
Mrs. M. Spanolin. Purest white; black seeded.....	.25	1.00
Red Orchid. Bright cherry red..	.25	1.00
Venus. Slightly blushed pink, wings white.....	.25	1.00

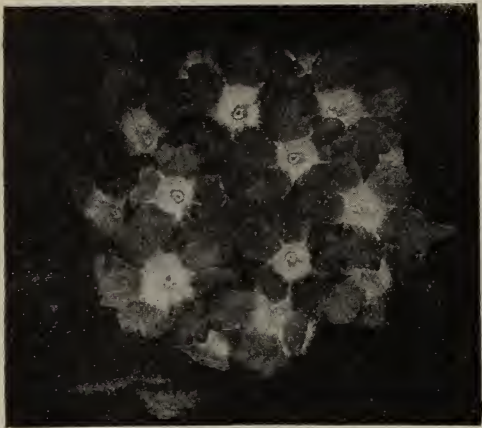
**Cupid or Dwarf Sweet Peas**

These make a very pretty edging for a sidewalk or flower bed. The bright little flowers are borne in great profusion and make a very pleasing sight.

Pink—Color of Blanche Ferry, or rose standard, and white wings. Pkt. 10c., oz. 35c., ¼ lb. \$1.00.	
White—Pure white. Pkt. 10c., oz. 35c., ¼ lb. \$1.00.	

	Pkt.
<b>SWEET WILLIAM.</b> H. P. A splendid, old-fashioned plant.	
Glory. Most beautiful in cultivation. Flowers extra large, pure white eye with reddish brown circle, margined white.....	.25
Pink Beauty. Single, pink.....	.10
Scarlet Beauty. Single, scarlet.....	.10
Albus. Single, white.....	.10
Double White.....	.10
Nana compacta. Extra dwarf, choice double mixed.....	.15
Finest Double Mixed.....	.10
Finest Single Mixed.....	.05
<b>STOKESIA Cyanea</b> (Hardy Cornflower Aster). H. P. Large and handsome.	
Lavender Blue ¼ oz. 50c.	.25
<b>THALICTRUM adiantifolium.</b> H. P. Finely cut maiden-hair foliage, yellow flowers.....	.10

**THUNBERGIA** (Black-eyed Susan). A. A rapid climber. Used extensively in hanging baskets and vases. Choice mixed ..... ¼ oz. 20c. .10



Verbena

**VERBENA.** A. A universal garden favorite. Very few plants make a more gorgeous display of brilliant flowers. Mammoth Varieties. Extra large.

**Helen Willmott.** New. Bright Salmon Rose. White eye, large flower ..... ½ oz. \$1.00 .25

**Venosa.** Blue, very showy, upright habit ..... ½ oz. 40c. .10

**Primrose Color** (New) ..... .15

**White** (Extra) ..... ½ oz. 35c. .10

**Deep Scarlet** (New) ..... ½ oz. 35c. .10

**Deep Scarlet, with Eye** ..... ½ oz. 35c. .10

**Deep Dark Purple** ..... ½ oz. 35c. .10

**Violet, with Eye** ..... ½ oz. 35c. .10

**Pink** ..... ½ oz. 35c. .10

**Mammoth Choice Mixed** ..... ½ oz. 30c. .10

**TORENIA.** A. Excellent for beds, pots and hanging baskets. Flower richly colored Snapdragon-like. Pkt.

**Fournieri.** Delightful sky blue ..... .25

**VINCA** (Periwinkle). A. Very free flowering, fine for borders.

**Rosea.** Rose ..... ¼ oz. 35c. .10

**Alba.** White, with eye ..... ¼ oz. 35c. .10

**Alba pura.** Pure white ..... ¼ oz. 35c. .10

**Finest Mixed** ..... ¼ oz. 25c. .10

**VIOLA odorata.**

**True Sweet Blue** ..... ⅛ oz. 50c. .15

**The Czar.** Large, blue ..... ⅛ oz. 75c. .25

**Alba.** White ..... ⅛ oz. 75c. .25

**VIOLA cornuta.** A.

**White Perfection** ..... ⅛ oz. 50c. .15

**Blue Perfection** ..... ⅛ oz. 60c. .20

**Lutea Grandiflora.** Yellow ..... ⅛ oz. 50c. .15

**Admiration.** Dark blue ..... ⅛ oz. 50c. .15

**Mauve Queen** ..... ⅛ oz. 50c. .15

**Choice Mixed** ..... ⅛ oz. 40c. .10

**WALLFLOWER.** G. H. Deliciously fragrant.

**Lenox Forcing.** A select strain for Greenhouse forcing and early outdoors ..... ⅛ oz. \$1.00 .25

**Double Mixed** ..... ⅛ oz. \$1.00 .25

**Single Mixed** ..... ⅛ oz. 50c. .15

**Annual Mixed.** Will bloom in August if sown in May ..... ⅛ oz. 20c. .10

**ZINNIA.** The well-known garden favorite. Should be planted in a sunny situation. Pkt.

**ACHIEVEMENT.** The raising of this beautiful new Zinnia is undoubtedly an "achievement" in the field of horticultural endeavor. It is distinct from all other Zinnias hitherto raised by the shape of its petals, which are partially tubular at the base and expand in a cactus-like form towards the tip, thereby displaying a rich variety of colour, mostly of the warmer shades, such as pale rose, deep rose, salmon, lilac, scarlet, and coppery golden yellow. A rare and beautiful combination of color never before seen amongst Zinnias. Choice mixed ..... .25

**WILKS, INVINCIBLE.** Another strain of the most striking colors crimson and red, mixed orange and yellow mixed ..... .50

**DOUBLE GIANTS.** (Grandiflora Robusta Plenissima) New large giants.

**Double White** ..... ½ oz. 75c. .20

**Double Crimson** ..... ½ oz. 75c. .20

**Double Dark Purple** ..... ½ oz. 75c. .20

**Double Yellow** ..... ½ oz. 75c. .20

**Double Flesh** ..... ½ oz. 75c. .20

**Double Scarlet** ..... ½ oz. 75c. .20

**Double Sulphur Yellow** .... ½ oz. 75c. .20

**Double Pink** ..... ½ oz. 75c. .20

**Double Giants Mixed** ..... ½ oz. 75c. .20

**Giant Zinnia.** Extra Double, choice Mixed ..... ½ oz. 50c. .10

**GRACILLIMA COCCINEA RED RIDING HOOD MINIATURE.** Color bright scarlet double, fine for edging work and borders ..... ½ oz. 75c. .20

**LILLIPUT.** These form a bush 1 ft. high, covered with miniature very double flowers.

**Scarlet Gem** ..... ¼ oz. 35c. .10

**Golden Gem** ..... ¼ oz. 35c. .10

**Lilac Gem** ..... ¼ oz. 35c. .10

**Orange Gem** ..... ¼ oz. 35c. .10

**White Gem** ..... ¼ oz. 35c. .10



Zinnia



## VEGETABLE PLANTS AND ROOTS

**Asparagus Roots.** See page 1.  
**Brussels Sprouts.** Doz., 20 cts.; 100, \$1.50.  
**Cabbage Plants.** For April and May delivery. Dozen, 20 cts.; 100, \$1.50. Delivery June and July. 100, \$1.00; 1000, \$7.50.  
**Cauliflower Plants.** Snowball and Selected Erfurt. From hotbed; ready April and May. 25 cts. per doz.; \$2.00 per 100.  
**Celery.** Extra strong, transplanted plants. Delivery July. Doz., 15 cts.; 100, 70 cts.; 1000, \$7.00.  
**Chives.** For flavoring. 25 cts. per clump; \$2.50 per dozen.  
**Egg Plants.** Ready in May and June. Grown in pots, 60 cts. per doz.; \$5.00 per 100.  
**Horseradish Sets, New Bohemian.** A new variety, which produces roots of enormous size and succeeds in every soil. 25 cts. per doz.; \$2.00 per 100.  
**Kale or Borecole.** Siberian or Curled Scotch Dozen, 20 cts.; 100, \$1.25.  
**Kohl-Rabi.** White Vienna. Dozen, 15 cts.; 100, \$1.25.  
**Lettuce.** Ready in April and May. Big Boston Paris Cos. Doz., 15 cts.; 100, \$1.25.  
**Mint.** Strong roots. Each, 25 cts.; doz., \$2.50.  
**Peppers.** Ready in May and June. Bell or Bullnose. Long Red Cayenne. 50 cts. per dozen; \$4.00 per 100.  
**Rhubarb Roots, Victoria.** Strong roots. 25 cts. each; \$2.50 per dozen.  
**Sweet Potato Plants.** Ready in May and June. 100, 75 cts.  
**Tomato Plants.** Ready in May and June. Earliana, Dwarf Champion, John Baer, Ponderosa, Beefsteak, Stone, etc. Dozen, 45 cts.; 100, \$4.00. Pot grown plants.

## GRASS SEED MIXTURES

For Evergreen and Central Park Mixture see inside front cover, also for White Clover. All my grasses are extra recleaned and guaranteed 95% to 97% pure.

**SHADY NOOK.** A mixture especially made up for shady places and under trees. Lb. 45c., 3 lbs. for \$1.25, 20 lbs. \$7.50.

**WILK'S DEEP SHADE MIXTURE.** A mixture made up of the most expensive fancy grasses. Will grow where the sun never penetrates. Lb. 50c., 3 lbs. \$1.35, bus. of 20 lbs. \$8.00.

**TERRACE MIXTURE.** A mixture of extra deep rooted grasses, which prevent washouts during heavy rains. Lb. 50c., 3 lbs. \$1.35, 20 lbs. \$8.00.

**GOLF LINKS MIXTURE.** This mixture will produce a tough, lasting sod that withstands extremes of heat and drought. Lb. 60c., 3 lbs. \$1.75, 20 lbs. \$8.50.

**PUTTING-GREEN MIXTURE.** Composed of recleaned, fine-leaved grasses, all of the very highest purity and germination. Lb. 60c., 3 lbs. \$1.75, 20 lbs. \$8.50.

## GRASSES AND CLOVERS

Prices subject to market changes.

**Canada Blue Grass** (*Poa Compressa*). Useful for sowing on hard clay, and poor soils. Wght. per Bush. 14 lbs., lb. 30c., Bush. \$4.00, 100 lbs. \$25.00.

**Creeping Bent** (*Agrostis stolonifera*). Desirable for mixing with other lawn or pasture grasses. Wght. per Bush. 14 lbs., lb. \$1.10, Bush. \$14.00, 100 lbs. \$85.00.

**Crested Dogtail** (*Cynosurus Cristatus*). Valuable for pastures and lawns. Wght. per Bush. 20 lbs., lb. 90c., Bush. \$14.00, 100 lbs. \$55.00.

**English Rye Grass** (*Lolium Perenne*). A very nutritious, rapid growing variety; valuable for meadows and pastures. Wght. per Bush. 24 lbs., lb. 20c., Bush. \$4.50, 100 lbs. \$15.00.

**Fine Leaved Fescue** (*Festuca Ovina Tenuifolia*). Suitable for lawns and putting greens. Wght. per Bush. 16 lbs., lb. 80c., Bush. \$11.00, 100 lbs. \$50.00.

**Hard Fescue** (*Festuca duriuscula*). A dwarf-growing grass, succeeding well in dry situations. Wght. per Bush. 14 lbs., lb. 50c., Bush. \$6.50, 100 lbs. \$32.50.

**Italian Rye Grass** (*Lolium Italicum*). Thrives in any soil and yields early and abundant crops. Wght. per Bush. 18 lbs., lb. 20c., Bush. \$3.50, 100 lbs. \$17.50.

**Kentucky Blue Grass** (*Poa pratensis*). This is the most hardy and valuable of all northern grasses. Wght. per Bush. 21 lbs., lb. 45c., Bush. \$9.00, 100 lbs. \$40.00.

**Meadow Fescue** (*Festuca Pratensis*). An excellent grass of great value in mixtures of permanent pastures. Wght. per Bush. 14 lbs., lb. 45c., Bush. \$6.00, 100 lbs. \$37.50.

**Meadow Foxtail** (*Alopecurus Pratensis*). One of the earliest and best pasture grasses. Wght. per Bush. 10 lbs., lb. 50c., Bush. \$4.50, 100 lbs. \$40.00.

**Orchard Grass** (*Dactylis glomerata*). Adapted for growing in shady places or under trees. Wght. per Bush. 14 lbs., lb. 35c., Bush. \$4.50, 100 lbs. \$27.50.

**Red Fescue** (*Festuca Rubra*). Valuable for lawns and sandy soils. Wght. per Bush. 14 lbs., lb. 45c., Bush. \$6.00, 100 lbs. \$37.50.

**Red Top Fancy, Extra Recleaned.** Free from chaff. Wght. per Bush. 40 lbs., lb. 35c., Bush. \$12.50, 100 lbs. \$30.00.

**Rhode Island Bent** (*Agrostis Canina*). One of the very best grasses for lawns. Wght. per Bush. 14 lbs., lb. 60c., Bush. \$6.25, 100 lbs. \$45.00.

**Sheep's Fescue** (*Festuca ovina*). A small tufted, hardy grass, of value in mixture of lawns or dry soil. Wght. per Bush. 14 lbs., lb. 50c., Bush. \$6.50, 100 lbs. \$37.50.

**Tall Meadow Oat** (*Avena elatior*). A valuable grass for permanent pasture. Wght. per Bush. 10 lbs., lb. 50c., Bush. \$4.50, 100 lbs. \$40.00.

**Timothy** (*Phleum pratense*). A field and not a pasture grass, as it will not endure close and frequent cropping. Wght. per Bush. 45 lbs., lb. 20c., Bush. \$8.00, 100 lbs. \$17.50.

## VETCHES

**Winter Vetch** (Also called Sand, or Hairy Vetch). Bus. of 60 lbs. (enough for 1 acre) \$15.00, lb. 40c.

**Spring Vetch.** Valuable for orchards. Bus. \$12.50, lb. 20c.

## CLOVERS

Prices subject to market changes.

- Alfalfa, or Lucerne** (*Medicago Sativa*). One of the most valuable forage plants. Quantity for acre 20 lbs., per lb. 45c., per 100 lbs \$37.50.
- Alsike** (*Trifolium Hybridum*). Quantity for acre 15 lbs., per lb. 50c., per 100 lbs. \$45.00.
- Crimson, or Scarlet Clover** (*Trifolium Incarnatum*). An annual variety producing large crops of green foliage. Quantity for acre 20 lbs., per lb. 20c., per 100 lbs. \$17.50.
- Medium Red** (*Trifolium Pratense*). This is the common Red Clover so largely grown throughout the country. Quantity for acre 15 lbs., per lb. 50c., per 100 lbs. \$40.00.
- Mammoth Red or Pea Vine**. Grows taller than Medium Red Clover. Quantity for acre, 10 lbs., per lb. 50c., per 100 lbs. \$40.00.

## Mixtures for Hay, Meadows and Permanent Pastures

These mixtures are carefully prepared from the perennial varieties of grasses. May be sown either in Spring or Fall. Order by letter. Sow 40 lbs. to the acre.

**Pasture Mixtures.** A. For dry land. B. For wet land. C. For good land, neither too dry nor too wet. 50 lbs. for \$21.50, 100 lbs. \$40.00.

**Meadow Varieties.** D. For high and dry lands. 50 lbs. \$21.50, 100 lbs. \$40.00.

For good land, neither too dry nor too wet. 50 lbs. \$21.50, 100 lbs. \$40.00.

The market prices of grasses vary considerably. On large lots, write for prices before ordering.

## WHEAT

One and one-half bushels will sow one acre, broadcast.

**Saskatchewan Fife** (Spring). Early and a splendid yielder. Bus. (60 lbs.) \$4.00.

**Stoneleigh Farm Giant** (Winter). An extra heavy yielder; heads are very large and well filled. Our seeds are carefully selected. Bus. (60 lbs.) \$4.00.

## RYE

**Spring.** Splendid yielder. Bus. (56 lbs.) \$3.50.

**Winter.** Extra heavy yielder. Bus. (56 lbs.) \$4.50.

## SEED OATS

Sow 3 bushels to the acre.

**White Tartar.** Heads large; grains thick and heavy. Pk. \$1.00, bus. (32 lbs.) \$3.50.

**Wyoming.** A fine white oat. Pk. \$1.00, bus. (32 lbs.) \$3.50.

## BARLEY

Sow 2 bushels to the acre.

**Beardless.** The earliest of all Barleys. Bus. (48 lbs.), \$4.00.

## MILLET

**German Millet.** Sow 1 bus. to the acre. Bus. (50 lbs.) \$6.50.

**Hungarian Millet.** Bus. (50 lbs.) \$7.00.

## BUCKWHEAT

One-half bushel will sow 1 acre. Sow broadcast about the middle of June.

**Japanese.** From 7 to 10 days earlier than Silver Hull. Bus. (48 lbs.) \$5.00.

**Silver Hull.** Early and productive. Bus. (48 lbs.) \$5.00.

## COW PEAS

**Canada Field.** Valuable for cattle, horses and pigs. Bus. \$7.00.

**Whippoorwill.** Largely grown for fodder and fertilizing purposes. Bus. \$5.00.

## FIELD CORN

Sow 8 quarts to the acre.

My Field Corn is all Northern grown and of the highest standard.

**New Golden Eureka Yellow Dent.** This magnificent Field Corn is a decided improvement on the popular variety, Eureka, being fully ten days earlier. It is a tremendous yielder. A very fine variety for ensilage, and frequently produces 25 tons of good Corn silage per acre. Bus. (56 lbs.) \$4.50.

**Longfellow Flint Corn.** This beautiful eight-rowed Flint often yields two good ears to the stalk. Safe for planting as far north as Massachusetts. Our stock of seed is of the best selection. Bus. (56 lbs.) \$4.50.

**Reid's Yellow Dent.** Ears 10 inches long; from 18 to 22 rows with narrow space between rows. Bus. (56 lbs.) \$4.00.

**Leaming Improved (Yellow).** Ripens in 105 days; 18-rowed; about 7 inches long. Bus. (56 lbs.) \$4.00.

**Pride of the North (Yellow).** A standard early Corn. Ripens in about 95 days. Bus. (56 lbs.) \$4.00.

**Hickory King (White).** Small cobs; large kernels. Bus. (56 lbs.) \$4.00.

**Sweet Fodder.** A great dairy feed. Bus. (56 lbs.) \$5.00.

## POP CORN

**White Rice.** Pkt. 10c., ½ lb. 25c., lb. 40c.

**Golden Queen.** Pkt. 10c., ½ lb. 20c., lb. 35c.

## BIRD SEEDS, ETC.

	Per Lo.
CANARY, best Sicily.....	\$0.20
CANARY SEED, MIXED.....	2 lbs. 45c. .20
HEMP .....	.20
LETTUCE SEED .....	.25
MILLET, AMERICAN .....	2 lbs. 25c. .13
RAPE, DWARF (Pure).....	.20
SUNFLOWER SEED, for Parrots.....	.15

## LILIUMS

Fine, Healthy, Home Grown Stock.

Lillies are among the finest of our garden flowers and take very kindly to cultivation. They are useful for planting in the border among shrubbery, or in masses when striking effects are desired. Most of the bulbs I offer are home grown and can be relied upon for health, vigor and free growing qualities.

Per 100

**Canadense**—Lovely nodding blossoms bell-shaped, yellow spotted black.

..... Doz. \$2.50 \$13.50



## Grand New Lilium, Golden Glean

A seedling of that lovely Lily, *Tenuifolium*, and is identical to it in form, habit, brilliant lustre, etc., except in color which is a beautiful pure golden yellow. \$3.00 per doz., \$18.00 per 100.

## Davuricum

This beautiful Lily comes from the home of *L. tenuifolium* in Siberia. It resembles a native *Philadelphicum*. It is of easy culture, grows 2 to 3 feet high, and blooms in umbels of three to five upright scarlet flowers, dotted black. \$2.00 per doz., \$10.00 per 100.

**DAVURICUM**—Pure Yellow. \$2.25 per doz., \$11.00 per 100.

## Henryi

(The Yellow *Speciosum*.)

A splendid Lily from the mountains of China. Destined to be the Lily among Lilies. It is so healthy and sturdy, so hardy and beautiful, so easy to grow, that in time it will be in every garden, as the Tiger Lily is now. It grows, when established, 4 to 5 feet high producing large panicles of orange-yellow flowers, banded with green. Selected, \$6.00 per doz., \$37.50 per 100.

## Hansoni

Under favorable conditions attains a height of 3 to 4 feet. Flowers reddish orange 8 to 12 in a cluster; petals thick and durable; a native of Japan. \$6.00 per doz., \$40.00 per 100.

**LILIUM.** Hardy Japanese Garden Lily. Should be planted as soon as frost is out of the ground to get good results the first year.

**auratum** (Gold-banded Lily). Monster size: Each 40c., doz. \$4.50.

**speciosum rubrum.** Rose spotted crimson. Monster size: Each 40c., doz. \$4.50.

**speciosum album.** White. Monster size: Each 40c., doz. \$4.75.

**speciosum Melpomene.** Rich crimson. Monster size: Each 40c., doz. \$4.50.

## GLADIOLUS

All bulbs offered are monster size.

The following collection has been selected from the newest and best varieties of recent introduction and should be included in every garden. They will be found invaluable for bedding, cutting or exhibition.

	Doz.	100
<b>The Gladiolus Novelty of 1920,</b>		
“White America.” A seedling of		
“America,” and the most im-		
portant new variety since the		
introduction of that famous va-		
riety in 1906. “White America”		
has the same strong habit of		
growth, form of flower and sub-		
stance and is the whitest variety		
known. Color—Bud flesh-white,		
opening clear white with slight		
marks of blue in throat.....	2.00	15.00

## STANDARD NAMED GLADIOLI

<b>Panama.</b> Beautiful, deep rose self;		
large, well-expanded flowers and		
fine spike. Has the same form		
and habit as America, and is		
considered the best rose-colored		
Gladiolus .....	1.25	8.00



<b>America.</b> By far the most vigorous and easily grown Gladiolus known. The flowers, which are of immense size, are of the most exquisite, soft pink, and very light. The color is the same as seen in the most exquisite <i>Cattleya</i> orchids. For cut use and bedding it is without a rival	Doz.	100
	.75	5.00

<b>Mrs. Francis King.</b> A strong grower, vigorous and healthy. Has long, strong foliage and effective flower-spikes. The magnificent flowers measure 4½ inches across, and there are five or six flowers well spread out on the spike at the same time. The color, brilliant flamingo-pink, blazed with vermilion-red, is most effective both in daylight and under artificial light.....	.75	5.00
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<b>Willy Wigman.</b> Blush white, dark blotch, fine form .....	1.00	6.00
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	Doz.	100.		Doz.	100
<b>Mrs. Frank Pendleton.</b> Awarded Certificates of Merit by the Massachusetts Horticultural Society at Boston, August, 1909, and American Gladiolus Society at Baltimore, August, 1911. The flowers are very large and well-expanded, of a lovely flushed salmon-pink with brilliant carmine, or deep blood-red blotches in the throat, presenting a vivid contrast of orchid-like attractiveness .....	1.25	8.00	<b>Pink Perfection.</b> A beautiful pure apple-blossom-pink, quite distinct in coloring from any of the above named. The softness of the coloring and the wonderful texture of the blooms make it one of the choicest of the newer varieties. The flowers are large and well arranged on strong spikes.....	1.50	10.00
<b>Fire King.</b> Long, graceful spikes, showing half a dozen immense blooms open at the same time. Color, intense fire-scarlet. More brilliant than Brenchleyensis, Cardinal, Mrs. Francis King or any other variety. Is perfectly grand; will become the leading cut-flower variety of its color..	1.00	6.00	<b>Enchantress.</b> Blush-white, slightly flaked with lake-pink toward the margins; throat encircled on the lower petals with carmine-lake blotch; a dusting of golden-bronze zoning; the blotch is unique .....	3.00	20.00
<b>Halley.</b> The predominating color of these flowers is delicate salmon pink with a slight roseate tinge, though the lower petals bear a creamy blotch with a stripe of bright red through the center, the whole producing a delightful effect .....	.75	5.00	<b>Primulinus Hybrids.</b> These Hybrids range in color from pale sulphur-yellow to the deepest chrome-yellow and all the charming shades of orange, including now and then some almost white. The flowers are gracefully arranged on long slender spikes which lend themselves to artistic decorations in a wonderful way; from a decorative standpoint they are simply exquisite. Have become very popular. Selected Mixed .....	.75	5.00
<b>Wild Rose.</b> A remarkable variety and one that will gain in prestige as it becomes known for it ranks with the very best. Color very bright rose or blush tint, exceedingly delicate and pretty, and needs only to be seen to be appreciated. In its particular color it stands alone. Exceedingly fine for forcing under glass .....	1.00	6.00	<b>Childsi Mixed.</b> First quality. Extra large and fine flower. Cannot be beat for garden planting. Contains many named varieties and beautiful seedings.....	.85	6.00
<b>Baron Hulot.</b> A blue Gladiolus—the only one there is. Nature, so prodigal of her reds and yellows, is a true indigo blue Gladiolus. The spikes are decidedly in the minority and because of this fact, are, perhaps, appreciated the more. This is a true indigo Gladiolus. The spikes are long, the blooms large and showy .....	1.25	8.00	<b>XXX Mixture.</b> Just the stock for those who want only the very best, made up of named varieties and includes a good per cent. of Childsi Hybrids.....	.50	5.00
<b>Sulphur King.</b> This is by all odds the most valuable yellow variety ever introduced. It produces a very long spike of the clearest Sulphur yellow yet seen in any Gladiolus. Awarded a "Certificate of merit" in Holland 1912 and 1913.....	2.00	15.00			
<b>Schwaben.</b> Delicate pale yellow, dark blotch in center.....	1.50	10.00			
<b>Peace.</b> One of the grandest white introductions of 1912, that will retain its place among the good white varieties for some time to come. A most desirable Gladiolus in any collection. This variety seems to produce blooms of a better white later in the season than most sorts. Bulbs planted late in June have produced wonderful flowers in September....	1.00	7.00			

## CANNAS

### The Best Cannas

The following are among the very best improved flowering Cannas, and will give great satisfaction.

#### YELLOW KING HUMBERT

A sport of that most popular of all Cannas, King Humbert, producing larger flowers of a beautiful shade of yellow, lightly spotted red, with green foliage; five and six clusters of flowers at a time.

Without doubt the finest of its color yet produced.

Doz. \$1.50; \$10.00 per 100.

#### Firebird

A Clear Glistening Scarlet.

Even Better Than King Humbert But With Green Foliage.

This is by all means the very best red-flowered, green-leaved Canna to-day.

The flowers are borne in immense trusses, on tall stalks well above the leaves. They are of splendid form, round and shapely. The petals measuring 2½ inches and over across, and the color is a clear glistening scarlet without any streaks, spots or blotches. Strong roots. Doz. \$2.25; 100 \$12.50.



**King Humbert**—In this grand new Italian Canna we have a combination of the highest type of flower with the finest bronze foliage. Its flowers which under ordinary cultivation will measure 6 ins. in diameter, and which are produced in heavy trusses of gigantic size, are of a brilliant orange-scarlet, with bright red markings, while the foliage is broad and massive and of a rich coppery bronze with brownish green markings. Bold and effective. Makes a gorgeous effect when planted in mass. 5 feet. Strong roots. Doz. \$1.50; 100 \$10.00. Plants pot grown, ready May 1st, 4 inches, doz. \$2.50.

**Mrs. Alfred F. Conard**—An entirely new note in Cannas was struck with the introduction in 1910 of this variety. Its exquisite salmon-pink flowers are of largest size, in erect and abundantly furnished heads, so freely produced as to keep a superb showing for months; rich green foliage. \$2.00 per doz.; \$11.00 per 100.

**Panama**—The color of this splendid Canna is unusual, being an attractive rich orange-red, with a well defined edge of bright golden yellow. The flowers are very large, the petals being almost round and the immense spread of the individual blooms, coupled with the early, free-flowering habit and unique coloring, make this Canna most noteworthy. It always gets special attention wherever shown. 3 feet. \$1.50 per doz.; \$10.00 per 100.

**Rosea Gigantea**—A rich rose-pink flower of giant size and a prodigious bloomer. Color is soft rose to carmine-pink, while its great flower heads are a wondrous size. It has received the highest award accorded any Canna. (The Award of Merit from the Horticultural Society of England). 4 feet. \$2.50 per doz., \$12.50 per 100.

**Goldbird**—The finest yellow bedding Canna; flowers of good size are held well above the foliage, the fine trusses always clean looking; in habit of growth very uniform; color a rich golden yellow shade that has been missing heretofore and which can be seen as far as the eye will carry. 3½ to 4 feet. \$1.50

**Hungaria**—The ideal pink bedder, flowers large, in good trusses, color not unlike that of the Paul Neyron Rose; one of the best of the newer introductions. \$1.50 per doz., \$10.00 per 100.

**Meteor**—A vigorous grower with healthy foliage. Each root produces five or six trusses of bloom, which continue flowering the entire summer. Pleasing deep crimson. 5 feet. \$1.25 per doz., \$7.00 per 100.

## SUMMER FLOWERING BULBS

**AMARYLLIS.** Very popular house plant.

**Johnsoni.** Trumpet-shaped, velvety crimson. Mammoth bulbs. Each 50c.

**CALLA Elliottiana.** Rich, golden yellow. Mammoth bulbs. Each 50c., doz. \$4.00.

**CALADIUM esculentum** (Elephant's Ear). Very effective and easily grown. Mammoth bulbs. Each 40c., doz. \$4.50.

**ISMENE calathina** (Also called the white Amaryllis). Very effective in borders and masses. Flower pure white and very fragrant. Is not hardy. Treat same as Gladiolus. Mammoth bulbs. Each 20c., doz. \$2.00.

**HYACINTHUS candicans.** Tall growing; white flower. Each 7c., doz. 75c.

**LYCORIS SQUAMIGERA, or AMARYLLIS HALLII.** Description—Lycoris Squamigera produces in early spring attractive green foliage which grows until July when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month later, as if by magic, the flower stalks spring from the ground to a height of two or three feet, developing an umbel of large and beautiful lily-shaped flowers three to four inches across and from eight to twelve in number, of a delicate lilac-pink shaded with clear blue. Culture—As the bulb is perfectly hardy without any protection, it can be planted either in the fall or spring. Cover the crown about four inches. Very useful for the border or among shrubbery. Monster size bulbs, \$5.00 per doz., \$40.00 per 100.

**MADERA VINE.** Large tubers, each 10c, doz. \$1.00.

**CINNAMON VINE.** Roots. Each 10c., 3 for 25c. **MONTBRETIAS.** Mixed varieties. Doz. \$1.25, 100 \$10.00.

**OXALIS.** Summer-flowering. Valuable for beds, edging and masses. Pure white, pink or red. Doz. 15c., 100 75c.

**TUBEROSES.** Double Dwarf White Pearl. The most popular Summer-flowering bulbs. Monster Size only Doz. \$1.00, 100 \$7.50.

**CYCLAMEN.** Plants out of 3-inch pots ready May 15th. Doz. \$5.00.

## HARDY FLOWERING AND ORNAMENTAL SHRUBS

**Althæa** (Rose of Sharon). Double pink, white and red. 3 to 5 ft. Each 85c.

**Berberis Thunbergii** (Barberry). Fine for ornamental hedges. 15 to 20 inches. Each 40c., 100 \$25.00.

**California Privet.** See Privet.

**Calycanthus** (Sweet Allspice). The wood is fragrant; flowers chocolate color. Very bushy. 3 to 4 feet. Each 60c.

**Cornus** (Dogwood). Red-branched. Very conspicuous and ornamental. Bark is blood red in Winter. 4 to 5 feet. Each 60c.

**Cydonia Japonica** (Japanese Quince). Very attractive crimson flowers; blooms in early Spring. 3½ to 5 ft. Each 75c.

**Deutzia, Pride of Rochester.** The well known Deutzia, bearing large, double white flowers, slightly tinted with rose. 4 to 5 ft. Bushes. Each 60c.

**Forsythia viridissima** (Golden Bell). A very attractive, early-flowering shrub, bearing bell-shaped golden yellow flowers. 4 to 5 feet. Each 60c.

**Honeysuckle.** See Lonicera.

**Hydrangea paniculata grandiflora.** Most beautiful shrub grown. 3-year-old, strong, well-branched bushes, which will bloom very heavily the first year. Each 75c.

**Maple, Japanese.** Very showy and ornamental. Deep red, and yellow and green foliage. Bushes 2 to 3 ft. high. Each \$4.00.

**LILAC.**

**White.** Strong bushes. Each 75c.

**Purple.** Strong bushes. Each 75c.

**Lonicera** (Bush Honeysuckle). Valuable for its very showy appearance. White or pink. Bush 3 to 4 ft. Each 60c.

**Magnolia Soulangeana.** Perfectly hardy in our Northern climate. Strong bushes from 4 to 5 ft. high. Each \$7.50 and \$10.00.

**Philadelphus (Syringa).** **Grandiflora.** Large-flowering, or Mock Orange. The most popular shrub grown. Flowers pure white. 4 to 5 ft. Bushes well branched. Each 60c.

**Privet, California.** Mainly used for hedges. Specimen plants are used for ornamental effect. 1½ ft. \$6.00 per 100, 2 ft. \$7.50 per 100.

**Spiraea prunifolia (Bridal Wreath).** A handsome shrub, blooming about the middle of May, bearing beautiful, double, pure white flowers in great profusion. Bushes 3 to 4 ft. high. Each 75c.

**Snowball.** The well-known flowering shrub. Strong bushes, well branched 3 to 4 ft. Each 75c.

**Weigelia.** A beautiful and very showy shrub, blooming in Midsummer. Flowers are trumpet shape; branching and drooping habit. White, pink and red. 3 to 4 ft. 75c.

**Eva Rathke.** Beautiful, dark red; very showy. 2 to 3 ft. 75c.

**Variegata.** Beautiful, variegated foliage. 2½ to 3 ft. Each 75c.

## ROSES

**BEDFORD BELLE.** (Pink) Double White Killarney. Dbl. White. Ophelia. Salmon Flesh. 2 years old strong potgrown plants. Each \$1.50, \$17.50 Doz. Strong 2-year-old plants, in White, Pink, Red and Yellow. .85c. each.

## Hardy Climbing Roses

2-year-old, strong roots. Each \$1.00.

**Crimson Rambler.** An old, grand variety; hardly needs description, being so well known. Deep crimson.

**Dorothy Perkins.** Most brilliant shell-pink, holding a long time without fading.

**Tausendschon (Thousand Beauties).** The most beautiful climbing Rose in existence. Should be in every yard. Color a beautiful soft pink changing to a rosy carmine. Blooms fully 6 weeks.

**White Rambler.** A splendid, quick grower, flowers white.

## HARDY CLIMBING VINES

**Ampelopsis Veitchii (Boston Ivy).** 2 years old, Each 50c.

**Aristolochia Sipho (Dutchman's Pipe).** 2 years old. Each \$1.00.

**Bignonia radicans (Trumpet Vine).** 2 years old. Each 40c.

**Clematis Panuculata (Japanese Clematis).** Beautiful, small, white-flowering variety. Fine for fences. Each 25c., 3 for 65c., doz. \$2.50.

**Honeysuckle Halleana (Hall's Japanese).** Extra strong, 4-year-old roots. Each 50c., 3 for \$1.25.

**Kudzu Vine (Jack and the Bean Stalk Vine).** A most remarkable, quick climber. Will grow as high as 50 feet in one season; extra large size leaves. For heavy shade and quick growth there is nothing that can equal it. Large roots, each 60c.

**Wistaria magnifica.** Clusters of purple-lilac flowers. Each 75c.

## FRUIT TREES

All trees offered will be properly pruned before shipping. They are 2 years old and free from scale and disease.

## APPLES

5 to 6 feet high, \$1.50 each.

✓ **Baldwin.** Large, deep, bright red. Late.

✓ **Duchess of Oldenburg.** Yellow, red streaked. Medium.

✓ **Maiden's Blush.** Yellowish, with reddish cheek. Medium.

✓ **Northern Spy.** One of the finest. Late.

✓ **Northwestern Greening.** Yellow; smooth. Late.

✓ **Red Astrachan.** Deep crimson. The earliest of all. July.

**Dwarf Varieties.** 3 to 4 ft. Each \$1.25.

## CRABAPPLE

**Transcendent.** Very productive. Late. Each \$1.50.

## CHERRIES

2-year-old trees, 5 to 6 feet high, \$1.75 each.

✓ **Early Richmond.** Dark red; fine for preserving.

✓ **Black Oxheart.** Very large; dark red; very juicy and sweet.

✓ **Black Tartarian.** Deep, dark red; fine for table use; very sweet.

## PEACHES

✓ 2-year-old trees, 4 to 5 feet high, 75c. each.

✓ **Crawford's Early.** Large; yellow; excellent quality.

✓ **Crawford's Late.** Very productive. Latest of all.

✓ **Crosby.** Abundant bearer; bright yellow.

✓ **Elberta.** The well-known and best of all Peaches; large; yellow. September.

## PLUMS

2-year-old trees, 6 to 7 ft., each \$1.50.

**Abundance.** Lemon yellow, overspread with Cherry. August.

**Burbank.** The best Cherry-red Plum grown.

## PEARS

5 to 6 ft. high, \$1.50 each. Specimen trees, 3 to 4 years old, \$2.00 to \$2.50 each.

**Bartlett.** The most popular Summer pear. August.

**Clapp's Favorite.** Very large; yellow and dull red. August.

✓ **Flemish Beauty.** Large; juicy. September.

✓ **Kieffer.** Good for canning; extra large; good keeper. October.

✓ **Seckel.** Small; yellowish gray; finest for pickling. October.

## QUINCE

**Meech.** Large fruit of orange yellow color. 4 to 5 feet, \$1.50 each.

## SMALL FRUITS BLACKBERRIES

✓ **Eldorado.** Large; jet black. The best around New York.

✓ **Snyder.** Ripens early.

✓ **Stone's Hardy.** Fine flavor.

\$1.50 per dozen.



## RASPBERRIES

**St. Regis, or Everbearing.** This variety has borne fruit as late as September and October, and is the true original everbearing Raspberry, 25c. each, \$2.50 per doz.

**The Herbert (New).** Fruit very large and sweet. 15c. each, \$1.50 per doz.

**Columbian.** Cone-shaped, purplish fruit. 15c. each, \$1.50 per doz.

**Loudon.** An old standard variety. 15c. each, \$1.50 per doz.

## CURRANTS

2-year-old bushes. Will bear the first year. **Boskoop Giant.** Black; of enormous size; finest for preserving. 50c. each, \$5.50 per doz.

**White.** The largest and sweetest white Currant. 50c. each, \$5.50 per doz.

**Perfection Red.** The very largest red Currant grown. Mild in flavor. 50c. each, 6.00 per doz.

**Fay's Prolific.** The best all-around red Currant. 50c. each, \$5.50 per doz.

**Red Dutch.** The old, well-known standard variety. 50c. each, \$5.50 per doz.

## GOOSEBERRIES

2 years old. 60c. each, \$7.00 per doz.

**Keepsake.** Very large, straw-colored variety; fine quality.

**Industry.** The heaviest red cropping berry; very early and sweet.

## GRAPES

3 years old, fine, heavily rooted. None but the best varieties are offered. 50 and 60c. each.

**Niagara.** White. A fine, sweet, white variety.

**Agawan.** Large reddish.

**Brighton.** Bunch large, berries medium size of dark red color, sweet tender and of high quality.

**Concord.** Purple. The well-known, reliable variety.

## STRAWBERRIES

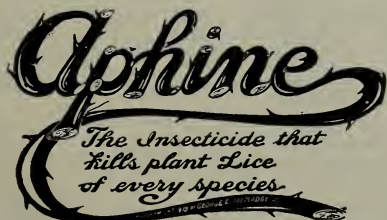
**Runners.** \$4.00 per 100.

**Pot-Grown Plants.** Varieties such as Barrymore, Gandy, Brandywine, Nick Ohmer, Marshall, Commonwealth and Success. Ready August 15. Out of 2½-inch pots. \$6.00 to \$9.00 per 100.

## INSECTICIDES, ETC.

**PRICES,** on insecticides are subject to change without notice.

**Ant Destroyer.** A non-poisonous powder that will destroy or drive away black ants from lawns, trees, plants, etc. Box 25c., by mail: 30c.



**Aphine.** A new insecticide discovery that kills plant lice of every species. Effective indoors and outdoors. Pt. 65c., qt. \$1.00, gal. \$3.00.

**Black-Leaf 40.** A concentrated solution of nicotine sulphate; an excellent spray for black aphides and sucking insects of all kinds. Full directions on each package. 1-oz. bottle 25 cts., ½ lb. tin \$1.00, 2 lbs. \$3.25, 10 lbs. \$13.75.

**Borowax.** Protects your trees from borers and guarantees a heavy fruit crop. Full directions on each can. Qt. 40c., 2 qts. 70c., gal. \$1.25.

**Bug Death.** A non-poisonous powder, extensively used for cabbage and tomato worms, potato and cucumber bugs, etc. Lb. 25c., 3 lbs. 50c.



### Key Brand Arsenate of Lead (Paste)

For caterpillars and chewing insects. For spraying trees and shrubs against leaf chewing insects, fruit flies and codling moth. Contains 15½% Arsenic Oxide, mixes easily in water without clogging nozzle, sticks like paint, kills quick, and will not burn foliage.

Dilute 1 lb. to 25 gallons.

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$6.50; 50 lbs. \$12.00; 100 lbs. \$22.00.

**Key Dry Superfine Powdered Arsenate of Lead** Does not burn foliage. Can be used for wet spraying or dry dusting. Has all the advantages of Arsenate of Lead Paste with double the strength—goes twice as far—and is easier to handle and measure out. One pound makes from 15 to 25 gallons of solution ready to apply.

½ lb. 35c.; 1 lb. 65c.; 5 lbs. \$3.00; 10 lbs. \$5.50.

### Key Brand Bordo-Lead (Paste)

**Insecticide and Fungicide—two sprays in one.** Arsenate of Lead combined with a special Bordeaux Mixture by a new process, producing in one spraying operation the killing of insects and preventing of blight, mildew, rust, etc. Splendid for potatoes and most vegetables, apples, pears and roses. Sticks like paint and remains on foliage. Best crop insurance.

1 lb. 45c.; 5 lbs. \$2.00; 10 lbs. \$3.50; 25 lbs. \$6.50; 50 lbs. \$12.00; 100 lbs. \$22.00.

### Key Brand Bordeaux Mixture (Paste)

For blight, mildew, rust, and fungus diseases. Also prevents and cures Black Rot and Scab, and acts as a deterrant for insects on fruits and vegetables. 1 gallon makes 25 gallons. 1 lb. 40c.; 5 lbs. \$1.75; 10 lbs. \$3.25; 25 lbs. \$6.00; 50 lbs. \$11.00; 100 lbs. \$20.00.

### Key Brand Bordeaux Mixture (Powder)

Used same as Bordeaux mixture paste or liquid. Also used for dry dusting.

Dilute 1 lb. to 8 gallons water.

1 lb. 55c.; 5 lbs. \$2.50; 10 lbs. \$4.00.

### Key Brand Scale Killer (Soluble Oil)

Most effective for leaf roller dormant spray for San Jose scale. Spray for tree infesting scale and most soft bodied sucking insects. No disagreeable odor, no clogging of nozzle, or burning of the eyes like Lime Sulphur. Mixes easily, has no sediment. May be used in spring or fall. Dilute 1 gallon to 20 gallons water.

Qt. 65c.; 1 gal. \$1.65.

**Key-Rite Disinfectant**

General disinfectant. Fills a long felt want. 2 to 3 times the strength of carbolic acid. Effective for Veterinary use, for household, and for cleaning places occupied by cattle, horses, dogs, hogs, and poultry.

Qt. 85c.; 1 gal. \$2.00; 5 gals. \$8.50.

**Key Brand Tree Wound Paint**

Prevents Decay. A residuum, penetrating, antiseptic paint that is not affected by heat, cold or moisture. Does not peel, crack or get brittle. Stops tree bleeding.

Qt. \$1.25; 1 gal. \$3.00.

**Key Brand Weed Killer (Liquid)**

Destroys weeds in paths, roads and gutters. Kills roots as well as tops of all weed and grass growth. Easier and less expensive than hoeing or digging by hand. Very effective in walks or cobbled gutters, without injury to road bed. Does not discolor cement or stone. Dilute 1 part Weed Killer to 40 parts water, and usually prevents growth for season. Apply with sprinkling can or cart.

Qt. 70c.; 1 gal. \$1.75; 5 gals. \$7.00; 10 gals. \$13.50; 30 gals. \$33.00; 50 gals. \$47.50.



**Copper Solution.** Prevents black rot, mildew, pear and apple scab, carnation and violet rust leaf blight, etc. Qt. \$1.25; ½ gal. \$2.25; gal. \$4.00.

**Cut-Worm Killer.** For destroying cut-worms in early Spring; an effective remedy. Pkt. 35c., 5 lbs. \$1.50.

**Cyanide.** For fumigating purposes. Lb. \$1.00.

**Fish Oil Soap.** For destroying insects. An excellent wash for all plants. Lb. 35c., 5 lbs. \$1.50, 10 lbs. \$2.75.

**Fungine.** The fungicide that will destroy mildew on Roses, rust, bench rot and other blights. Gal. \$3.00.

**Flowers of Sulphur.** Used for dusting and fumigating, checks and prevents mildew. Lb. 10c., 10 lbs. \$1.00, 25 lbs. \$2.25.

**Grafting Wax.** ½ lb. 25c., lb. 45c.

**Lime Sulphur.** A lime, sulphur and salt mixture, used for San Jose scale. One gallon makes 25 gallons for use. Qt. 50c., gal. \$1.75.

**Dry Lime Sulphur.** Has all the effectiveness of liquid Lime Sulphur, and is much easier to handle. Lb. 40c., 5 lbs. \$1.50, 100 lbs. \$17.50.

**"Nico-Fume" Tobacco-Paper.** For fumigating purposes this is the strongest Tobacco-Paper offered. It will not injure the tenderest blooms. Packed in special friction-top tins and sold as follows: 24 sheets \$1.25, 144 sheets \$5.00, 288 sheets \$9.50.

**Hammond's Scorfularia Powder.** A first-class powder to prevent ravages—Moth, Carpet Beetles, Roaches and Bed Bugs. In use over 20 years. Box 50c.



**Hammond's Slug Shot.** For destroying cabbage worms, potato bugs, etc. Lb.-box 20c., 5-lb. package 65c., 10 lbs. \$1.10.

Dusters for applying Slug Shot, 70c. each.

**Hammond's Grape Dust.** A powder for the prevention of black rot and mildew on grapes, gooseberries, etc. Lb. 30c., 5 lbs. \$1.00, 10 lbs. \$1.65.



**Hellebore Powder.** Excellent for caterpillars, currant worms, rose slugs, etc. ½ lb. 40c., lb. 75c., 5 lbs. \$3.50.

**Kerosene Emulsion.** For plant lice of any kind, cabbage worms, scale insects on apple, pear and other trees. Qt. 75c., gal. \$1.75, 5 gals. \$7.00.

**Magotite.** A real maggot remedy.

**Magotite.** A real maggot remedy. Protects your crops against the ravages of the destructive Root Maggot, and other garden pests, making it possible to get fine crops of radishes, turnips, cabbage, onions, kale, and cauliflower; also eradicates Earth Worms from Lawns and Putting Greens. Easily applied and is not in any way injurious to plant life, but is a valuable stimulant and fertilizer. In powder form, ready for use. Approximate quantity required, a 2-lb. package for about 300 feet of drill, or for field culture 300 to 500 lbs. per acre. Send for folder of full directions.

2 pound package. ....	\$ .35
4 pound package. ....	.60
8 pound package. ....	1.00
25 pound sack. ....	2.50
100 pound sack. ....	8.50

**Paris Green.** Unequalled for the destruction of potato bugs and other insects. Mix 1 lb. to 200 gallons of water. ¼ lb. 25c., ½ lb. 40c., lb. 75c.





**Pyrox.** Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage, vegetables, fruits and shrubs. Lb. 45c., 5 lbs. \$1.90, 10 lbs. \$3.25, 25 lbs. \$6.75.

**"Scalecide," Pratts.** The best remedy for San José scale. One gallon makes 20 gallons of spray. Qt. 70c., 1 gal. cans \$1.50, 5 gal. cans \$7.00, 10 gal. cans \$12.00, 30 gal., ½ bbl., \$30.00, 50 gal., 1 bbl., \$45.00.

**Thrips Juice.** For destroying thrips on grapes, aphids, red spider, mealy bugs, soft scale and sucking insects generally. Qt. \$1.25.

**Tobacco Dust.** The Fumigating Kind. 50-lb. bag \$3.00, 100 lbs. \$5.00.

**Tobacco Stems.** For fumigating purposes, etc. Bales of 100 lbs. \$4.50.

**Vermine.** A soil sterilizer and germicide for all soil vermin, such as cut-, eel-, wire-, and grub-worms, slugs, root lice, maggots and ants. Use one part of Vermine to four hundred parts of water, thoroughly soaking the ground. It does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil. Pt. 65c., qt. \$1.00, gal. \$3.00, 5-gal. keg \$12.50.



**X. L. All Liquid Insecticide.** An English preparation used for spraying. ½ gal. \$3.00, gal. \$5.00.

**X. L. All Vaporizing Compound.** The best and most effectual method of fumigating green-houses for destroying all insect pests that are injurious to plant life. Bottle sufficient for house containing 10,000 cubic feet. Price, \$2.25.

**X. L. All Fumigators.** For use with above vaporizing compound. The best, safest and most reliable fumigator on the market, complete with lamp, stand and copper cup. Price, \$1.50.

Full directions how to use, printed on each can or package.

## GARDEN TOOLS AND SUNDRIES

Asparagus Knife



Each

**Asparagus Knives.** American..\$0.60 and \$0.75

**Asparagus Buncher** ..... 3.25

**Baskets, Wire Hanging.** 8 in. 25c., 10 in. 40c., 12 in. .... .50

**Bellows, Woodason's Powder.** Single cone (2 sizes) .....\$2.75 and 4.00  
**Boots, Horse Lawn.** Made of very heavy leather. Set of 4, \$12.00.

## BOXES FOR SHIPPING FLOWERS CARDBOARD (White)

White or Mist Gray Moisture-proof.

Prices subject to change without notice.

Length	Width	Depth	Price per 100
24 x	5 x	3½	15.00
24 x	8 x	4	16.00
28 x	8 x	5	18.50
30 x	10 x	5	24.00
36 x	8 x	5	25.00

## BOXES, CORRUGATED CARDBOARD

For shipping flowers, etc. Very strong and reinforced, tested to comply with the Express Co.'s ruling. Shipped flat.

	Per 100
24 x 8 x 4 inches	\$45.00
28 x 8 x 5 inches	55.00
36 x 14 x 8 inches	90.00
42 x 13 x 6 inches	105.00
48 x 18 x 6 inches	115.00

## VIOLET BOXES

	Per Doz.
9 x 6 x 5	\$1.75
12 x 10 x 6	2.00

## FLOWER POTS

Best make. Of sizes 2 to 3 inches, I do not sell less than 100; of larger sizes not less than a dozen, unless called for at the store. We pack carefully in the best manner, but will not be responsible for breakage in transit.

Size, height and

width, inside	Doz.	100	1000
2 ins.....		\$1.75	\$12.50
2½ ins.....		2.00	17.00
3 ins.....		2.75	22.50
4 ins.....		4.50	37.50
5 ins.....	\$1.50	8.00	65.00
6 ins.....	2.00	12.50	95.00
7 ins.....	3.00	20.00	
8 ins.....	4.50	30.00	
9 ins.....	6.00	40.00	
Each			
10 ins.....	\$0.65		
12 ins.....	.90		
14 ins.....	1.50		

## Paper Flower Pots, Neponset

Very economical; waterproof; can be nested closely for shipping.

2½ in.	\$0.15	\$0.75
3 in.	.25	1.10
4 in.	.40	2.00
5 in.	.60	3.50
6 in.	.85	4.50

**Lever, Blake's Clip.** For fastening rose and chrysanthemum wire stakes. A labor-saving device. Blake's Lever Clip is the "tie that binds." It binds the wire to the stakes. (500 to the box) \$2.00 per 1,000.

**Dibbers.** For transplanting.....\$0.60



### Dibber FIBER-WARE Cut-Flower Vases

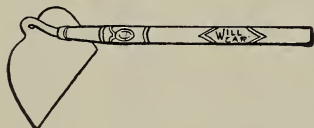
For displaying cut-flowers on the exhibition table they are unexcelled. Also for use in refrigerators, etc. They are not easily broken, as earthen-ware, and do not rust out like metal vases. They keep water cool for a long time. Rich and handsome in appearance, easily cleaned and durable. Plain mahogany finish.  $\frac{1}{2}$  doz. in each cartoon.

No.	Depth	Diameter	Each
	Inside	Inside	
2	9"	4 $\frac{1}{2}$ "	\$2.00
01	20"	7"	4.50
11	18"	5 $\frac{1}{2}$ "	2.75
22	15"	4 $\frac{1}{2}$ "	2.65
33	12"	4"	2.50

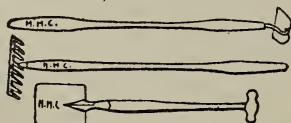
**Galvanized Flower Vases.** Made out of Galvanized Iron and are more durable than the fiber vases. Sizes and prices same as on fiber vases.



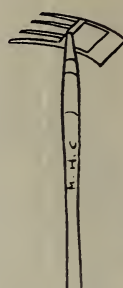
Forks, Digging. Best make. 4 prongs	Each
\$2.00, 5 prongs.....	\$2.25
True Temper.....	3.00
Gardeners' Gloves.....per pair	\$2.00
Garden Lines, Braided, 2 kinds..	\$1.75
and \$2.50 per 100 ft.	
Garden Reels, Iron.....Small size	1.50
Large size	2.00
Glazing Points, Van Reyers. Per 1000	75c.



Grass Edging Knives. 9 in., complete with handle.....	.85
Grass Hooks, or Sickles. American made.....	1.00
Hoes, Draw, or Field. With handles, 6 in. good steel.....	.65 to 1.10
Scuffle, or Dutch. 8 in., with handle..	1.25
Warren. Best hoe made.....	.75
Indelible Pencils. For label marking....	.15
Mastica. For glazing green houses. Gal.	\$3.50.
Hoes. Combination, 75c. each.	



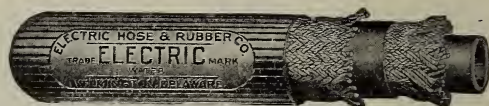
**Midget, or Ladies' set of 3 tools.** Rake, hoe and shovel. Best steel, \$2.00.



**Hoes.** The Norcross long handle. 5 teeth \$1.50 each. Long Handle, 3 teeth, \$1.10 each. Short Handle, 3 teeth, 60c. each.

**Labels.** Wooden, pot and garden. Painted.

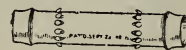
Size	100	1000
3 $\frac{1}{2}$ in. copper wired.....	\$0.50	\$3.50
4 in. ....	.25	1.65
5 in. ....	.35	2.25
6 in. ....	.40	2.75
	Doz.	100
8 in. ....	\$0.25	\$1.25
10 in. ....	.30	1.50
12 in. ....	.35	1.75



### Rubber Hose

**Electric Non-Kinkable.** Best hose, finest quality of rubber. Will not kink and will last for years. Price,  $\frac{1}{2}$ -inch, 25 feet, \$5.75; 50 feet, \$10.50; 100 feet, \$20.00.  $\frac{3}{4}$ -inch, 25 feet, \$6.25; 50 feet, \$11.50; 100 feet, \$22.00.

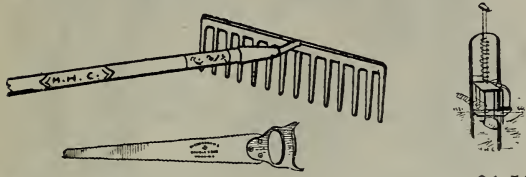
Hose Reels. Iron, large.....	Each \$4.00
Hose Menders, Cooper's. $\frac{3}{4}$ or $\frac{1}{2}$ inch.	Doz. \$1.50



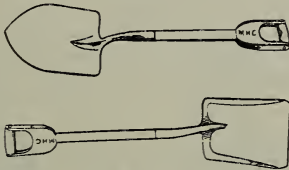
Hose Nozzles. Bordeaux	\$1.25	Vermerel. 1.25
Gould Nozzle. For barrel spray pump.		
Double Spray	\$2.25	Single Spray \$1.15
The Stott Spray Nozzle. Finest Nozzle for greenhouse spraying.....	\$1.50	
Boston Rose Spray. Brass; for $\frac{3}{4}$ -inch hose; useful for watering lawn and garden. ....	\$1.50	
Graduating Spray .....	.75	
Hose Coupling. ....Per pair	25c.	
Hotbed Sash. Painted and glazed. ....	Doz. \$100.00	9.00
Hotbed Mats. Waterproof 76 x 76, ....	Doz. 60.00	5.00
Knives. Field's standard steel, 2 blades, ivory handle with nickel tips.....	1.25	
Pruner, Stag handle. ....	\$1.50.	
Propagating. Each	75c.	
Melon Nets. For holding fruit. ....	Doz. \$1.50	
Paper, Wrapping, Manila or Kraft. ....	Lb. 22c.	
Tissue. Ream (480 sheets), 24 x 36 in., \$3.50.		
Wax. 24 x 36. Ream.....	\$5.50	
Plant Sprinkler, Scollay's. Rubber, large size. Straight or angle neck.....	1.50	



Potato Hooks. Flat prongs. 4 prongs	Each
\$1.00., 5 prongs.....	1.25
Putty. Twemlow's Old English. Gal.	\$3.50
Putty Rubber Bulb. For applying putty..	1.50
Raffia, Natural. For tying purposes. Lb.	.50



Mole Traps. Reddick.....	\$1.50
Rakes, Steel Garden. Reversible, galvanized. 12 teeth \$1.25., 14 teeth.....	1.50
Wooden Hay. 3 bows, 12 teeth.....	1.25
Wooden Lawn. 22 teeth.....	1.25
Saws, Pruning. double edge, 20 in.....	1.60
Shovels. Square and round pointed	2.00
Spades. Long, and short D handles....	2.25



Shears, Border. 9 in. \$3.50, with wheel..	\$3.75
Hedge Shear. 9 inches.....	\$2.75
With notch at crutch of blades to cut branches, 50c. extra.	



Hand Pruning. Best steel, heavy nickel plated, 7 in.....	2.00
9 in.....	2.25
American Hand Pruning.....	1.15 and 1.35
Secateur or French Perfection Hand Pruner. Made of the best French Steel .....	3.75
Sheep or Grass. Best steel.....	1.00
Grape Trimming Shear.....	1.75



Tree Pruner. The Perfection, \$2.75 each with handle.	
Stakes. Painted green.	

	Doz.	100
1½ ft. ....	\$0.35	\$2.50
2 ft. ....	.70	4.25
3 ft. ....	1.25	8.00
4 ft. ....	1.75	12.00
5 ft. ....	2.25	15.50

**Heavy Dahlia.**

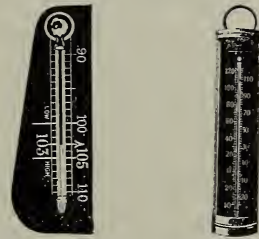
	Doz.	100
3 ft. ....	2.00	13.00
4 ft. ....	2.50	16.50
5 ft. ....	3.00	22.50
6 ft. ....	3.50	27.50

**Galvanized Wire.** For Chrysanthemums, Roses, etc. No. 9 wire.

	100
2 ft.....	\$3.25
3 ft.....	4.00
4 ft.....	5.00
5 ft.....	6.00
Japanese Bamboo. Painted green. 4 ft., doz.	
35c., 100 \$3.00; 5 ft., doz. 50c., 100	\$3.75

**BAMBOO CANE STAKES**

Assorted so they run all of even size. 6 ft.. \$3.00 per 100, 8 ft., \$4.00 per 100, 10 ft., \$6.00 per 100.

**THERMOMETERS**

	Each
8 inch Black tin case.....	\$0.75
8 inch Brass case .....	1.00
10 inch Brass case .....	1.25
The Taylor. The most accurate Self Registering Thermometer on the market. Black case with white face lettering. Complete .....	5.50
Mushroom .....	2.25
Incubator .....	.50
Wire Fencing. A guard to protect small flower bed and borders. 16 inches high, 25c. per foot.	

	Each
Scythes. English, broad blades, 30 to 40 ins. ....	\$3.25
Scythe Stones. Round.....	.35
Sieves, Wire. For sifting loam, gravel, etc.	2.25
Silkalaine. Used for tying. 2 sizes, box 8 spools, \$2.50.	

**Syringes. Brass Greenhouse.**

H. with 1 spray.....	\$4.00
No. 2 with 1 spray rose and stream	5.50
No. 10 with 1 spray rose and stream	6.50
No. 11 with 1 spray rose and crook-neck to spray under leaves.....	7.50

**Tin Foil. Lb. 30c.**

Violet. Lb. \$1.00.

	Each
Tree Scrapers, or Triangular Hoes.....	1.15
Tree Brushes .....	.75
Tree Guard. 6 ft. high 10 inches diameter .....	2.00



- Trowels, Forged Steel.** Solid steel, the strongest of all..... 1.00  
Cast Steel..... .35  
Garden ..... .20  
Transplanting ..... .20  
**Tree Fruit Picker.** Without handle..... .75

- Each  
**Weeders, Eureka** ..... .35  
**Excelsior** ..... .10  
**Hazeltine** ..... .25

**"Illinois" Self-Watering Flower Boxes.** Remarkable for the small amount of attention required to secure the finest growth in all kinds of plants. The reservoir in bottom provides the water as needed and it is only necessary to examine the surface of the soil occasionally and if dry, **refill the reservoir.**

A liberal supply of air to the roots is constantly maintained through the sponges and the soil will always be found mealy and loose, and the moisture is always evenly distributed from top to bottom of soil.

Do not fill reservoir unless condition of soil shows that watering is needed.

No.	Height	Width	Length	capacity	Price
1	8 in.	9½	23 in.	2½ qts.	\$3.50
4	8 in.	9½	29 in.	4 qts.	4.50
7	8 in.	9½	35 in.	5½ qts.	5.50

UNION PLANT TUBS

Made of Cypress painted green, with iron hoops, feet and handles painted black.

Inside Measurement.

Size	Top diameter	Bottom diameter	Depth finished	Each
No. 1	12 in.	9¾ in.	10⅝ in.	\$3.50
No. 2	13 in.	10¾ in.	12¾ in.	4.00
No. 3	14½ in.	12⅞ in.	14¾ in.	4.50
No. 3½	16½ in.	14½ in.	15¾ in.	5.25
No. 4	19⅞ in.	17¼ in.	16⅝ in.	6.00
No. 5	22⅞ in.	20¼ in.	18½ in.	7.50

**Wheelbarrows.**  
No. 4, large size.....12.50



**Weed Eradicator, "The Wilkeham."** For the application of liquid Weed Killers to dandelions, plantains, etc.; it pierces the crown of the weed and at the same time injects the liquid poison..... 4.50

**Leaf Mold.** Very useful for potting. Bag \$2.00.

**Live Sphagnum Moss.** Bbl. \$3.50.

**Green Sheet Moss.** For decorative purposes. Bag, \$4.75.

**Sphagnum Moss.** For filling hanging baskets, etc. Bale \$4.00.

**Orchid Peat, or Osmundine Yellow.** Fresh picked. Bbl. \$3.00.



Each  
**Haw's Pattern.** An English can with rose and spreader. 3 qts. \$2.75; 4 qts. \$3.25; 6 qts. \$3.75; 8 qts. \$4.25; 10 qts. \$4.75.

**Watering Cans, French Oval Style.** 6 qts. \$4.75, 8 qts. \$5.00, 10 qts. \$5.25, 12 qts. ....\$5.75

**American Style. Round, heavy galvanized.**  
6 qts. \$4.25, 8 qts. \$4.50, 10 qts. \$4.75,  
12 qts. .... 5.00

SPRAYERS AND SPRAY PUMPS  
BARREL SPRAY PUMPS.



**Pomona.** In small orchards a good barrel sprayer will usually be found the most suitable; in fact, many large fruit growers use several of these pumps instead of a large power outfit.

For years we have given special attention to the production of efficient barrel sprayers, and the "Pomona" is the leader in this line. Every feature that our long experience has proved desirable in a barrel sprayer has been

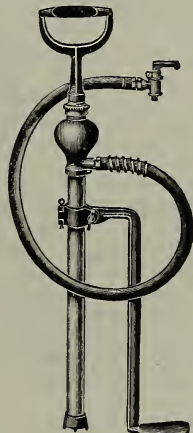


included in the "Pomona," and, without hesitation, we offer it as absolutely the best barrel sprayer on the market, one in which every detail is as good as it can be made. For the customer who believes in getting the best when he buys, who wants a sprayer that will give the best results, and give the same reliable service year after year, we strongly recommend the "Pomona."

The plunger, plunger connection, gland, valves, valve seats and strainer are of solid bronze. All working parts are simple, and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure and giving smooth operation. The lever can be adjusted for a 3-, 4- or 5-inch stroke, the adjustment being obtained by removing and replacing a single bolt.

The agitator is very simple but effective, and is operated by the pump lever. Complete. Barrel and Pump, with 15 ft.  $\frac{3}{8}$  d s-charge hose, nozzle and 10 ft. bamboo extension rod \$52.50.

## Compressed Air Sprayers



The Cogin

The Auto Compressed Air Sprayer, one of most up-to-date, used for general purposes. Solid Brass reservoir, \$11.00.

The Cogin Whitewash Bucket Spray Pump is most excellent for use in gardens, green-houses, orchards, or whitewashing and spraying poultry houses. Is fitted with Bordeaux nozzle, the best combination spraying device, and can be changed from a solid stream to a spray. It is one of the best pumps made for the money. Solid brass without bucket. ....\$5.50

Bamboo Extension Rod. With stop cock 8 feet long. Each \$4.00.

Lowell's Mason Jar Sprayer. Will not rust or corrode. If broken can be replaced with a Mason jar, \$1.25.

Marvelous Bug and Insect Hand Sprayer. Tin, 80c. ea., Brass, \$1.75 ea., Midget, 60c. ea. Ring Fountain Lawn Sprinkler. Each \$1.00. Water Witch. Each 60c.

Peck's Improved Lawn Sprinkler. May be attached to the hose and placed anywhere on the lawn. Stands 4 ft. high and distributes water over an area from 60 to 100 feet. 6 arms, \$7.00; 8 arms, \$7.50.

## HAND LAWN ROLLER

This new pattern roller is made with our improved wood handle strongly fastened, having counterpoise balance weights on shaft for holding the handle up when roller is not in use.

Sect.	Diam.	Width	Length	Weight	Price
3	20 in.	8 in.	24 in.	300 lbs.	\$42.00
3	24 in.	8 in.	24 in.	450 lbs.	64.00
3	28 in.	8 in.	24 in.	500 lbs.	70.00

Can furnish hand rollers to weigh up to 650 pounds.

Water Roller. 310 lbs. filled, \$27.50.

## LAWN MOWERS

Philadelphia Lawn Mowers. "Philadelphia" Superiority. "Philadelphia" mowers have case-hardened set-screw adjustment (not stove-bolt adjustment.) The box caps are split (not solid) to take up the wear in the journal bearing.

Dead knives are Vanadium Crucible Steel, and are screwed to the castback with screws, permitting easy removal. Cylinder knives, Also Vanadium Steel, are attached to cylinder ends with Norway iron rivets. Rollers are straight-grained hard Maple, and roller pins are screwed in, not driven. Handles of straight-grained white ash with cross bar tongued, grooved and wedged. Cylinder rings and ends are malleable iron.

All castings used on other than the all-steel "Philadelphia" are made from a special alloy iron, our own formula-material, which after forty-eight years' experience we know is right for our purpose.

All bearings are  $\frac{1}{8}$ " in diameter and range from  $1\frac{1}{4}$ " to  $2\frac{1}{4}$ " long, much greater than any other make. All bearings are bored with rifle barrel accuracy.

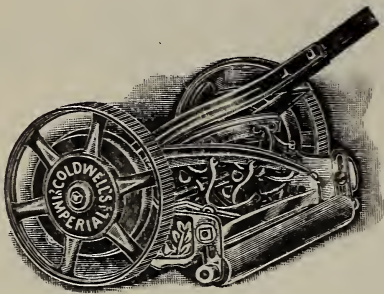
The rods running from side plate to side plate (tie rods) are of Solid Steel (NOT GAS PIPE) forced into frames under tremendous pressure and held in place with a steel key—cannot get out of alignment or work loose.

Look for the name "Philadelphia" cast on the wheels and side plates. The "Philadelphia" mowers are simple in construction, with few wearing parts to get out of order.

"Philadelphia" mowers before leaving the factory are thoroughly inspected and perfectly set and adjusted for use; the knives are tested to cut paper from end to end like a pair of shears.

Each

Style C., 16 inch.....	\$20.00
Style Graham, 17 inch.....	34.00
Style A., 17 inch.....	30.00
Style K., 18 inch.....	25.00
Style Golf., 17 inch.....	38.50
Style Lawn Trimmer, 6 inch.....	9.00
Style Horse Mower, 36 inch.....	200.00
Style Motor Mower, Walking Type, 30 inch .....	610.00
Style Horse Lawn, Sweeper, 40 inch....	125.00



**Coldwell's "Imperial" Lawn Mower.** The ready adjustment of the revolving cutter to the bottom knife and the sharpening of same, also its easy and noiseless running, place the Imperial ahead of all Lawn Mowers now made.

High Wheel, 10 inch diameter.

14 in. with four blades.....	\$21.00
16 in. with four blades.....	23.00
18 in. with four blades.....	25.00
20 in. with four blades.....	27.00
Mowers with five blades, add to list....	1.00

**Coldwell's "Regal" Ball-Bearing Lawn Mower.** Guaranteed to be the latest and highest grade of ball-bearing mower made. It has Coldwell's patent double edged channel knife which allows a new cutting edge to be brought into use should one be either injured or worn out. It is finished in gold with green trimmings.

16 in. with five blades.....	\$26.50
18 in. with five blades.....	28.00
20 in. with five blades.....	30.00

**Coldwell's Geared Roller Mower.** This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work.

14 in. with four blades.....	\$27.50
16 in. with four blades.....	29.50
Mowers with six blades, add to list....	2.00

**Adjustable Grass Catcher.** Will fit every style of lawn mower and consists of a galvanized iron bottom. The sides and back are made of very strong canvas. \$2.50 each.

### HIGH GRADE FERTILIZER

Analysis will be furnished on application.

The first four kinds offered below are the celebrated Bowker's fertilizers and are of the highest grades obtainable.

The Bowker's Specials differ from other fertilizers because they actually aim to supply the required element in proper form and quantity to meet the wants of different crops or classes of crops, as shown by analysis, and their different habits and conditions of growth. They are complete fertilizers in that they furnish all the elements necessary to furnish for the production of crops. They are high-grade fertilizers and consequently must be made of high-grade materials. Low-grade raw stock cannot be used in high-grade fertilizers. The absence of fillers makes them exceedingly rich and concentrated, therefore the most economical to purchase, because freight and other handling charges are not incurred on a quantity of worthless bulk.

	Per ton
<b>Stockbridge Market Garden Manure.</b>	
4-8-4 .....	\$80.00
<b>Bowker's All Round 3-8-4.</b> Contains a higher percentage of Phosphoric Acid than above and gives a quick effect....	75.00
<b>Hill and Drill 3-9-2.</b> To apply direct. The best for Corn and Grain Crops....	65.00
<b>Superphosphate with Ammonia 4%.</b> Another good all around fertilizer.....	67.50
As the market at this time of going to press is so uncertain as to the low supply of potash the following fertilizers are subject to change prices without notice.	
<b>Tankage, Blood and Bone.</b> For general use on all crops. Very quick in its action and at the same time having an abundance of plant food to mature the crop. Use 500 lbs. to the acre. 5 lbs. 50c., 10-lb. bags 90c., 100 lbs. \$5.50, ton \$105.00.	
<b>Fine Ground Bone.</b> This fine bone is especially good for Rose culture and top dressings. Finest food for lawns and golf links. Gives the grass a rich green color and vigorous growth. Use 500 lbs. to the acre as top dresser and 800 lbs. when seeding down. 5 lbs. 35c., 10 lbs. 65c., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.75, per ton \$90.00.	
<b>Pulverized Sheep Manure.</b> A rich, pure, natural manure. Fine for lawns, gardens, green-houses and general use. Mix 1 part to 6 parts of soil, or 1 lb. to 5 gallons of water. Its effect is immediate and lasting. Lb. 15c., 5 lbs. 35c., 10 lbs. 65c., 25 lbs. \$1.25, 100 lbs. \$4.00, ton \$67.50.	
<b>Acid Phosphate.</b> Used to increase the Phosphoric Analysis. 5 lbs. 30c., 10 lbs. 50c., 100 lbs. \$4.00.	
<b>Nitrate of Soda.</b> Valuable for the nitrogen it contains, which is equal to 20 per cent. of ammonia. Use 3 ounces to 5 gallons of water. 5 lbs. 60c., 10 lbs. \$1.00., 100 lbs. \$10.00.	
<b>Thomson's Vine Manure.</b> A splendid fertilizer for vines and all horticultural purposes. Bag of 112 lbs. \$9.00	
<b>Thomson's Chrysanthemum Manure.</b> Specially put up for Chrysanthemums. Bag of 28 lbs. \$5.00, 56 lbs. \$10.00.	
<b>Canada Hardwood Ashes, Unleached.</b> Use 1 to 1½ tons to the acre. In barrels of 200 lbs. \$30.00 per ton.	
<b>Dried Blood.</b> The finest and most valuable fertilizer for Carnation top dressing. 100 lbs. \$12.50.	
<b>Clay's Fertilizer.</b> One of the best manures for all purposes, either in greenhouse or garden. 56 lbs. \$8.00, 112 lbs. \$15.00.	
<b>Agricultural Salt.</b> For top dressing Asparagus beds. Bag of 200 lbs. \$4.00.	
<b>Imported Scotch Soot.</b> Will destroy slugs, grubs, cut worms, etc., when mixed with the soil. 100 lbs. \$6.50.	
<b>Land Lime.</b> 100 lbs. \$2.00, ton \$20.00.	
<b>Horn Shavings.</b> Per 100 \$8.00.	



## ALPHANO HUMUS

A desirable soil enricher for lawns and gardens. 4 qts. 25c., 8 qts. 40c., 100 lbs. \$2.00, (Ton) 2000 lbs. \$25.00. F.O.B. Alphano, N. J. Bowker's Odorless Houseplant Food. Contains all the necessary elements to keep houseplants in a healthy and thriving condition. Small pkg. 20c., by mail, 25c.; large size pkg. 30c., by mail 35c.

### IN YOUR GARDEN

you can get increased yields and improve your soil if you inoculate all your

Garden Peas, Garden Beans, Lima Beans  
and Sweet Peas  
with

## Mulford Cultures

Peas, beans, etc., belong to the legume or pod-bearing family of plants, which Nature has endowed with the wonderful ability to harbor and nurture certain bacteria on their roots, and these bacteria, in turn, gather nitrogen from the air and feed it to the plant itself. Increased nitrogen supplied to the plant means increased yield.

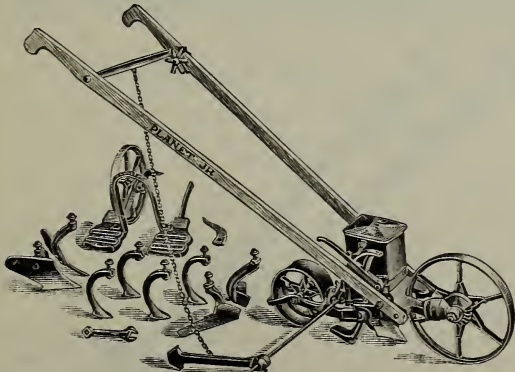
As a rule, the proper bacteria are not present in the soil; therefore, to insure best results, always use **Mulford Cultures**.

Treat your seed before planting. Very easy to use—simply add water and moisten seeds with the mixture.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

Further information sent free upon request. These inoculating cultures are scientifically prepared and tested.

	Each
Small Size .....	\$0.25
¼-Acre Size .....	.50
1-Acre Size .....	1.50
5-Acre Size .....	5.00



No. 25

### SEED DRILLS

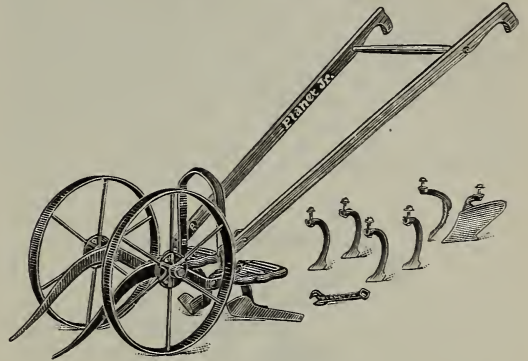
No. 25. As a seeder it will sow in drills any thickness or drop in hills 4, 6, 8, 12 or 24 inches apart. It is thoroughly substantial and is accurate in planting all kinds of garden seeds in either hills or drills.

As a wheel hoe it is practically the same as the admirable Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. No. 25, complete, \$26.50.

No. 4. Seeder only. Is a great favorite; there are doubtless more of them in use in the world than any other seeder made. \$18.75.

No. 31 Combined Seeder and Wheel Hoe. It combines a thoroughly reliable Seeder that will sow all garden seeds from the smallest up to peas and beans, with a first-class light running Wheel Hoe. No. 31 Complete Seeder and Wheel Hoe, \$15.50.

### WHEEL HOES



No. 12

No. 12 Combined Double and Single-Wheel Hoe, Cultivator, and Plow. This tool is identical with No. 11 Double-Wheel Hoe, except that it has one pair of plows, one pair of hoes, four cultivator teeth, and a pair of leaf-lifters only, and is sold at a correspondingly less price. \$15.50.

No. 16 Single-Wheel Hoe, Cultivator, Rake, and Plow. The highest type of single-wheel hoe made. Light, but strong, and can be used by man, woman, or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way. \$12.75.

No. 33 Single-Wheel Hoe, Cultivator and Plow. A cheap and efficient garden tool, consisting of one plow, one 10-in. sweep, one 5-in. sweep, one 2-in. cultivator, and one 4-in. cultivator. \$6.50.

No. 11 Planet Jr. is the best combined double and single wheel hoe made, and has the largest and most useful set of attachments. The steel frame can be set at different heights to suit any kind or depth of work, and the attachments or their position can be changed in a few seconds.

The arch is high enough to straddle a row until plants are 20 inches high, and this insures close work and death to weeds. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

#### Equipment:

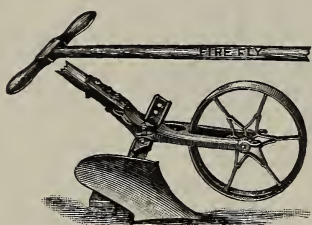
One pair 6-inch hoes.	} All oil tempered.
One pair 4½-inch hoes.	
Four steel cultivator teeth.	
One pair plows.	
Two 3-tooth rakes.	
Two 5-tooth rakes.	
Two leaf lifters.	

Price, \$19.00.

**Fire-Fly Garden Plow.** This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep, and deeper by going a second time in each furrow. In this way

## True Temper Cultivators are as good as the True Temper Forks and Hoes you have been using since you were a boy

celery can be nicely banked in the home garden. It opens fine furrows for manure or seeds and covers them, and opens up rows for all kinds of plant setting. In cultivating, plow away, weed the row and plow back again; nothing more thorough than this. After the furrow is thrown away from the crop lightly, leave it a few days before throwing back. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards. \$5.00.



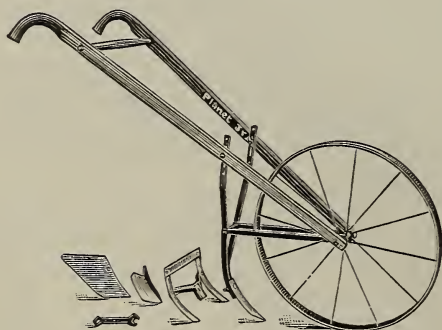
Firefly

No. 9 Horse Hoe is an admirable tool. Has a plain wheel.

This tool has become popular because of its strength, lightness, easy change of width, and perfection of work. All steels specially hardened and unbeatable.

The handles are adjustable in height and also sidewise, and the equipment offers a tool which will always be useful.

The Planet Jr. Combined Horse Hoe and Cultivator is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is easy to handle. One can cultivate to any reasonable depth, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer's desires. \$21.50.



No. 19

No. 19 Wheel Cultivator and Plow. The finest for the small home garden; high wheel; 3 cultivating teeth; scuffle hoe and landslide plow. The best on the market, \$6.50.

### Makes Home Gardening a Delight

The TRUE TEMPER FAIRY costs but a trifle more than a hoe and will do ten times the work. It weeds and cultivates without giving you a lame back—keeps you smiling.



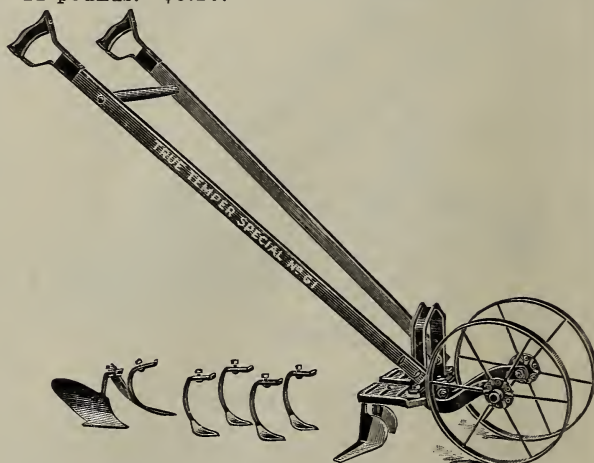
True Temper Fairy G-S.

It has a strong steel frame with best selected ash handles easily adjusted for man or boy.

The five Cultivator Teeth are forged from high-grade tool steel. They are adjustable in many ways, as each tooth is bolted on separately.

The Fairy will cultivate rows from six to twelve inches apart—just the machine for your home garden.

It has a 14-inch steel wheel. Machine is nicely finished in colors and varnished. Weight 12 pounds. \$3.20.



True Temper G-1.

### A "STEEL-FORGED" CULTIVATOR FOR THE MAN WHO WANTS THE BEST

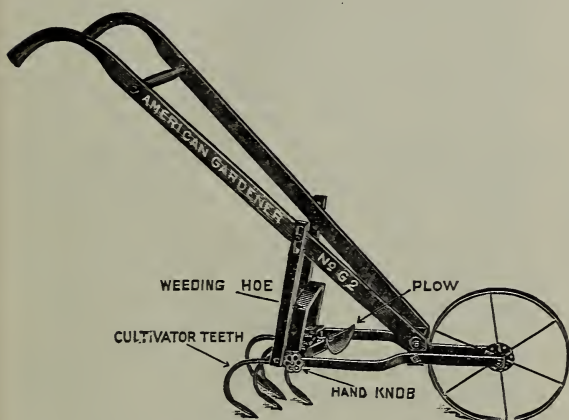
The True Temper G-1 has six improvements never before found in any two-wheel cultivator, besides all the advantages of the earlier types.



1. Comfortable handles—they fit the hand.
2. Dust protected, machined bearings, with adjustment for wear. The wheels will run true on the axles.
3. Rigid attachments with long bearings.
4. Solid forged tool steel teeth, hoes and plows, instead of the usual stampings, riveted to cast iron shanks.
5. Structural Steel Arch, which gives stiffness.
6. May be quickly converted to a single wheel Fire-fly type machine of one-half its weight.

Has 14-inch Steel Oval Spoke Wheels with 1 1/4-inch tires. Finest second-growth white ash handles. Weight, complete with all attachments, 25 pounds.

Equipment includes 2 Scuffle Hoes, 4 Cultivator Teeth, 2 Plows and Steel Wrench, packed in wooden box. Handles wired in pairs and papered. \$14.00.



True Temper G-2.....\$8.00

## GREENHOUSE ROSES and CARNATIONS

A. N. Pierson's Cromwell Stock  
As listed in their catalogue, and  
their 1921 prices.

We offer to you for 1920 these new Roses, which are not only new, but, we believe, better. They are not only distinct from each other, but are also distinct from any other varieties now in commerce. To the Montgomery Company, who raised Mrs. Charles Russell and Hadley, must go the credit for Crusader and Pilgrim. To the old rose veteran, John Cook, goes the honor of having raised the seedling which he has chosen to name Mrs. John Cook. All these roses are growing in large quantities in Cromwell, and from Cromwell we shall disseminate these sterling novelties.

**Evelyn.** In Evelyn we have a greatly improved Ophelia, particularly for garden culture. The growth is more robust; the flower is more double, having fully fifty petals of excellent texture and, therefore, better keeping quality on the plant or when cut. In color it is a more pronounced salmon toning to a soft pink toward the center of the flower.

**Crusader.** (Montgomery.) A big, strong-growing variety, robust and rugged in every characteristic. The growth is heavy and the flower stems are strong and heavy, producing very little blind wood. It is free growing and free flowering, and the blooms are truly characteristic of the variety—big and double, and, in color, a rich, velvety crimson. These large, heavily petaled blooms open perfectly and are amply supported by the strong-necked, heavy flower growths. Crusader takes water well and will keep under almost any conditions. The plant is free from canker and does not show any tendency to die at the union of scion and stock. It breaks freely from the hard wood and is a strong-growing, free-flowering red Rose.

**Pilgrim.** (Montgomery.) In color, a beautiful shade of bright rose-pink. The bud, which opens perfectly, is long and of ideal form. Pilgrim is a Rose of good substance and petalage, and at any stage of development is perfect in color and form of flower. Its pronounced tea fragrance will attract all rose lovers. It is prolific and highly productive of first quality blooms. The stems are straight and strong, and there is no tendency to weaken at the neck. It takes water freely, and this quality makes it a good Rose for the store man, as it will keep when cut and retain its color and fragrance. It is a wonderful grower, propagates easily, grafts nicely, grows freely, and throws strong bottom canes early, making heavy, profitable plants on the bench in a very short time. It makes little blind wood and is comparatively free from disease, resisting black-spot and mildew to a great extent. It is the pink Rose to grow.

**Mrs. John Cook.** (John Cook.) White, suffused with delicate pink, describes the color of this strong-growing, big-flowered daughter of Ophelia. The color varies with the season, the flush of pink being more pronounced during cool weather, while the Rose is almost white during the long days of bright sunshine. In bud it is nicely formed, the mature flower opening cup-shaped but expanding fully to a large and finely-formed bloom. It is a strong-growing plant on the bench, comes away quickly, and the growths are strong, making a big plant which is very prolific. To the grower who needs a white Rose, who can overlook a flush of pink, and who fails with Double White Killarney, this new Rose will prove a boon. To the grower who grows White Killarney well, Mrs. John Cook may also be welcome. It is bigger and better in summer, and, with its delicate pink in dark weather, is a very charming color.

**Columbia.** A great favorite and very popular Rose. One of the best in this color in cultivation. Seedling of Ophelia, very strong in growth with long straight stems and pleasing shade of rose pink color. A very fine variety.

**Premier.** Seedling of Ophelia and Russell. The flowers are of Russell type. Color, is a clear pure shade of rose pink throughout the blooming season. Very free and easy grower. Stiff stems and almost thornless.

**Milady.** The habit of growth is strong and sturdy, and the foliage is excellent. The flower is large and double and opens perfectly at all seasons of the year. In color it is similar to Richmond, although richer in color in the bud.

**Mrs. Aaron Ward.** This is the most profitable yellow rose we have ever grown. That describes this variety in part. Its Indian-yellow bud, changing color with the expanding flower, is a universal favorite. Its uses are varied. It is a summer and a winter rose, good at all seasons.

**Ophelia.** This variety stands today as the best light pink rose ever offered. It is salmon-flesh-pink in color, shading to yellow at the base of the petal in the partially opened flower, and is very attractive; but the real charm lies in the open flower which is, to the rose-lover, perfection in form and color. It is of easy habits, grows well and produces well.

**Radiance.** Cerise-pink in color and of easy culture. It is a clean grower, producing good flowers and an abundance of heavy wood. Aside from being a greenhouse favorite, it has the distinction of being the best pink bedding rose in existence.

**Red Radiance.** There has been a demand among the rose-growers of America for a red rose that is easy to handle, and one that is free from the failings of other well-known red roses. Radiance is an easy doer, and this red sport of Radiance will be welcomed especially by the private gardeners who grow Radiance extensively.

**Sunburst.** Long, pointed buds that open perfectly into a sunburst of deep, golden yellow is the best description we can make of this wonderful rose. From the standpoint of quality, it is the best yellow rose ever grown. It is at its best on its own roots and we offer own-root plants only.

## CARNATIONS

### Novelties.

**The Marinelli Carnations.** Perpetual Giant Flowering, of French Origin. The latest and most amazing introduction of Carnations and an entirely new departure and novelty.

Awarded a Gold Medal and Certificate of Merit at the Seventh International Flower Show, New York, March, 1920.

The sizes are almost astounding. The forms are mostly in a globular or half globular shape. The colors vary indefinitely from white, red, crimson, violet, lilac and yellow, in all kinds of variations. The lasting qualities of the flowers. After they are cut from the plants they keep on developing in water and with proper care can be kept from seven to fourteen days. The peculiarity of the flowers growth. It takes from four to eight weeks for some varieties from the time the flower bud or calyx bursts until the flower develops into full bloom. The outer petals grow first and gradually all others follow. The center develops last and in most cases another but and second flower opens in the center. The plants can be grown either in the greenhouse or in the open, make ideal pot plants and can be used for any other

conceivable decoration; flowers being obtainable throughout the year.

**Merveille Francaise.** (The largest Carnation in the world). Color, flesh, with pink stripes and spots. The flower fully developed forms a perfect ball of astounding size, measuring in most cases from 7 to 9½ inches across (over top). Free from disease. Unlike other large flowering or Malmaison type of Carnations, every shoot forms immediately a flowering stem. The stems are 18 to 24 inches long. It has spicy fragrance. The flower can be kept from seven to fourteen days after being cut. Excellent shipper. The cuttings root easily. Make ideal pot plants. In fact, a 100% Carnation with the greatest propagating possibilities of obtaining any number of different colors of same type. Rooted cuttings \$2.00 each, \$20.00 per Doz., \$100.00 per 100.

**Le Miracle.** The most remarkable color ever obtained, being purple lavender in Winter or shady position, changing to a variegation of colors in Spring and Summer. Possesses all the qualities of Merveille Francaise except the flowers are not quite as large and of a somewhat different form. Rooted cutting \$2.00 each, \$20.00 per Doz., \$100.00 per 100.

**Maine Sunshine.** A clear yellow seedling Carnation. It originated at Cottage Gardens from a cross of Mrs. C. W. Ward and Crystal White. Maine Sunshine has been grown for the past three seasons, and has proved itself a valuable variety aside from its color. The blooms resemble Matchless in size, substance and form. A. C. S. judges have given a score of 90 points at two annual conventions. The Forner gold medal for the best new variety and the Kerr special prize for keeping after a long shipment were awarded Maine Sunshine at Chicago in January, 1920. Dis-seminated Dec. 1, 1920, by Strout's Inc., Biddeford, Me. Rooted cuttings, \$12.50 for 50, \$22.50 per 100.

### New Varieties.

**Ethel Fisher.** This Carnation is a result of three generations of seedlings, commencing with Beacon and Mrs. C. W. Ward's Crimson, No. 211. The color is a Bright Glowing Red, like Beacon at its best. The plant has a healthy, upright, open habit of growth producing early and freely on long stiff wiry stems. The flowers are uniform and average about 3½", supported by a strong calyx that rarely bursts.

**Laddie.** Color, a warm rose salmon pink. Flowers of largest size, average three and one-half inches in diameter when at proper stage to cut and which develop to four and one-half inches on the plants or in water. Undoubtedly, the coming fancy Carnation to grow. The keeping qualities are beyond question far ahead of any Carnation yet produced, being superior to Pink Delight from which as a seedling it inherited this excellent quality. The growth is good and clean, makes large plants which quickly throw strong stiff flowering shoots. The calyx is all that can be desired. An early and prolific producer. Rooted

### General List of Carnations.

**Enchantress Supreme.** Light salmon-pink in color; has the characteristics of the Enchantress family in habit of growth and productive-



ness. It is better than Enchantress, from which it is a sport, in color, calyx, and form of flower. It is so much of an improvement that we have discarded Enchantress and offer our trade Enchantress Supreme as the best of the flesh-pink varieties.

**Benora.** The best variegated carnation. In color it is creamy white, penciled with bright red. It is a free grower and a good producer, in addition to being an excellent keeper.

**White Wonder.** Large, pure white blooms on long, wiry stems are characteristic of this variety. It is a producer and one of the finest white carnations. It is a fitting companion to Matchless.

**Mrs. C. W. Ward.** In the dark pink section, Mrs. C. W. Ward is the only variety generally grown, and the plant characteristics, combined with keeping quality and high class bloom, recommend it to all carnation growers.

**White Benora.** A sport of the well-known Benora. A pure clear white. Rooted cuttings, \$10.00 per 100.

**Aviator.** A very intense scarlet. Flowers are well formed with a full center. One of the best producing Carnations.

**Belle Washburn.** Color is a most brilliant red. The flowers are large and are produced on long, stiff stems. A constant bloomer throughout the season.

**Good Cheer.** Rose-pink in color and has nicely formed flowers. We selected a bench of Good Cheer to grow for cuttings alone, as it makes few cuttings naturally. We shall have nice, clean stock to offer, stock that will please you.

**Miss Theo.** Miss Theo belongs in a class by itself, for it is not a large-flowered variety. It makes up, however, for lack of size in producing ability. It is bright pink in color, well formed, with petals nicely serrated. It reminds us of William Scott, a favorite of years ago.

**Nancy.** Color light salmon-pink, little darker than Pink Delight and more even color; does not fade. Fragrance is very noticeable.

**White Enchantress.** This old favorite has stood the test of time and is today one of the three finest white carnations. It is a clean grower, produces good flowers constantly throughout the season.

**Beacon.** This variety needs no description to the carnation grower. We have always found it one to be depended upon for results. It is one of the best for Christmas scarlet that has ever been introduced.

**Matchless.** This variety is regarded by many as the best white carnation. It is a good, average producer and the flowers are of the best quality. It is a wonderful keeper and we unhesitatingly recommend Matchless.

**Alice.** This flesh-pink variety has perhaps been more widely disseminated than any variety introduced in many years. From California to the eastern coast, Alice shows remarkable freedom of growth and good production. It has shown, also, that it has come into its own with the advent of cold weather, the flowers being of better quality and fully the equal of any light or flesh-pink carnation in commerce.



## Dahlias Special Collections

The Dahlias in these collections were selected by a well known specialist and are the cream of the new varieties; are fine of form, splendid colors, large and free flowering with robust constitutions. Have won many prizes and awards both here and abroad.

### \$25.00 COLLECTION

#### One Each of the Following

**Attraction.** Cactus. Lavender pink.  
**Aurore.** Peony. Orange salmon.  
**Bessie Boston.** Dec. Deep red.  
**Bianca.** Hyb. Cact. Rosy Lilac.  
**Berch Von Heemstede.** Dec. Deep yellow reverse of petals rosy.  
**Carmen Sylvia.** Dec. Salmon.  
**Diana.** Peony. Crimson violet reflex.  
**Dream.** Dec. Salmon with amber glow.  
**Golden Rose.** Peony. Gold and Rose.  
**Hortulanus Fiet.** Dec. Salmon pink and gold.  
**Hochasi.** Dec. Red and Orange.  
**Jeanne Francuer.** Hyb. Cact. Bronzy shades.  
**Lady Alla.** Peony. Bright scarlet.  
**Mme. Van Bystein.** Peony. Lilac curly petals.  
**Mrs. Frylink.** Dec. Orange scarlet.  
**Mrs. J. G. Howard.** Cactus. Pink and white.  
**Princess Mary.** Dec. Vivid pink. blush edge.  
**Radin Kartini.** Dec. Salmon, lilac and mauve.  
**Rhenisher Froshinn.** Cactus. Cream center, deep carminete edge.  
**Salvator.** Peony. Pink and rose.  
**Terra Cotta.** Dec. Terra Cotta.  
**Warneford.** Dec. White.  
**Yellow King.** Cactus. Yellow, lighter edge.

### \$15.00 COLLECTION

#### One Each of the Following

**Attraction.** C.  
**Aurore.** P.  
**Berch Von Heemstede.** D.  
**Bessie Boston.** D.  
**Carmen Sylvia.** D.  
**Diana.** P.  
**P. Mary.** D.  
**Golden Rose.** P.  
**Lady Alla.** P.  
**Jeanne Francuer.** Hyb. cact.  
**Mrs. Howard.** C.  
**Yellow King.** C.

**\$7.50 COLLECTION**

One Each of the Following

Attraction. C.  
Hort. Fiet. D.  
Jeanne Francuer. HC.  
Lady Alla. P.  
Princess Mary. D.  
Yellow King. C.

**\$4.00 COLLECTION**

One Each of the Following

B. Von Heemstede. D.  
Hort. Fiet. D.  
Golden Rose. P.  
Warneford. D.  
Yellow King. C.

**THREE NEW DAHLIAS**

**Orange Beauty.** One of the handsomest decorative varieties that has ever been introduced. It is a beautiful glistening orange, deep and rich, the clearest and richest of this popular color. The plant is a very sturdy healthy grower, of medium height, branching habit and produces the flowers freely on good stiff stems. Strong plants, \$2.00 each.

**Mrs. Howard M. Earl.** The most remarkable and valuable paeony Dahlia in existence. It is a glorified Geisha. Larger, finer form, longer and stiffer stem, and a much stronger and more vigorous grower. The foliage is The color is a brilliant coppery red, with a soft golden yellow base and tips. The petals are longer, narrower, and more incurved than Geisha. Strong plants, \$5.00 each.

**Tansboro.** A ball seedling of Mrs. Chas. Seybold. A most striking new show or ball Dahlia. Color, white suffused pink, heavily suffused and tipped crimson and maroon. It is of perfect form, full and round and a strong vigorous and free bloomer on long stiff stems, \$1.00 each.

**NEW DECORATIVE DAHLIAS**

This is a truly wonderful collection that will please every flower lover, and is indispensable to the exhibitor or amateur who wants Dahlias just a little better than ever before.

**Ayesha.** A wonderfully handsome, clear light yellow dahlia, that has attracted great attention. The flowers are of immense size; beautiful, regular form, with large shell like petals, and borne on long stiff stems ..... 1.00

**Bloemhove.** Another immense flower that attracted attention, a beautiful clear lilac rose color ..... 1.00

**Prince of Orange.** This is what has been wanted for a long time. A first class orange, and this variety will most satisfactorily fill the want. Rich orange, of fine form, large size and a fine bloomer. Strong plants ..... 1.00

**Goldmine.** At last we have the ideal, pure golden yellow Decorative Dahlia. It is large, with stiff stems; an extremely early bloomer, and perfectly full at the center until frost. We guarantee this variety to have a strong rugged constitution and to be the ideal golden yellow decorative, without a fault. Strong plants ..... 1.00

**Marianne.** A most pleasing and distinct variety that is greatly admired. Color a rich purple and white; very striking. Strong plants ..... 1.00

Each

**King Albert.** In this we have a magnificently royal flower. Large, finely formed, rich royal purple. It is a strong vigorous grower and free bloomer. Strong plants ..... 1.00

**Flamingo.** This is the genuine Flamingo and red as it should be. Besides being a brilliant red, it is of immense size with long twisted and curled petals, giving it a most uniquely irregular form. The flowers are very double, being always with a full high center..... .75

**NEW AND RARE CACTUS DAHLIAS**

**Frances White.** A splendid new white cactus, of exquisite form, large size, on long stems. Color, pure white, shading to sulphur white at the center. Strong plants ..... .50

**Hedwig Severin.** A grand flower of large size, splendid form, with full high center, and an early, profuse and continuous bloomer. The flowers are clear silvery rose ..... .50

**Model.** A beautiful cactus of exquisite form and coloring, being a clear yellow, passing to rose; very distinct and effective. A strong grower and an early, free and profuse bloomer. Strong plants ..... .75

**Yellow King.** Probably the largest of all cactus dahlias, being of gigantic size and one of the finest new cactus. Color light yellow. Strong plants..... 1.00

**COLOSSAL CACTUS DAHLIAS**

These grand varieties are of giant size, having long, rather broad petals approaching the Hybrid Cactus in form. We offer these in strong plants.

**Etenderd de Lyon.** Rich carmine rose, shaded darker, very large and entirely distinct ..... .75

**Golden Gate.** A very large hybrid cactus of a rich deep golden yellow, suffused and shaded fawn, lights up well under artificial light. Long stiff stems, very free ..... .50

**Kalif.** Very large, pure scarlet. A strong plant producing the giant flowers freely on long stiff stems..... .75

**Nerthus.** Bronzy orange yellow, tipped carmine rose ..... .35

**Nibelungenhort.** Immense flowers, 7 to 8 inches across, rich golden apricot, suffused old rose; long stiff stems..... .75

**Rheinkoenig.** A large and very early free-blooming pure white cactus..... .25

**Walkure.** Sulphur yellow, shading to golden yellow at center; large, strong, vigorous grower; free bloomer..... .75

**Woodan.** Old gold at center shading to salmon rose; flowers very large and beautifully formed ..... .25

**Wolfgang von Goeth.** Large, apricot shaded carmine ..... .50

**Auburn Beauty.** An exquisitely formed autumn shade variety; yellow, shaded bronze red. Very distinct..... .50

**Marjorie Castleton.** Rosy pink, tinted lighter toward center and tips..... .20

**Mrs. C. G. Wyatt.** An exquisite pure white cactus; with long narrow incurved petals; early and profuse..... .50

**Spotless Queen.** A splendid, small snow white cactus; of dwarf branching habit ..... .25



	Each		Each
<b>Standard Bearer.</b> Bright, clear scarlet. Very profuse .....	.15	<b>Magpie.</b> A very distinct and striking flower that has attracted the greatest attention; the color varies from delicate pink, to rich maroon, sometimes solid pink with white tips, maroon tipped white and solid maroon flowers are not only on same plant, but are on same spray.....	.50
<b>The Imp.</b> Probably the darkest Dahlia grown, at least by far the largest and finest formed, very dark, Cactus Dahlia. Color, richest maroon shaded black; long incurved petals .....	.50	<b>Mary Purrier.</b> Large, with long quilled petals, color rich red, shading darker..	.50
<b>The Lion.</b> Probably the largest of all Cactus Dahlias, of immense size, and borne above the foliage on long, stiff stems; color, yellow, shading to reddish salmon	.35	<b>Masterpiece.</b> Pale lilac rose at tips gradually passing to soft sea amber at base of petals; large and fine. Plants.....	.50
<b>The Pilot.</b> Yellow, heavily tipped bright terra-cotta .....	.15	<b>Miss Stredwick.</b> A magnificent flower, very large, beautifully formed, and exquisitely colored, being a beautiful rose tinting lighter at the center.....	.50
<b>T. G. Baker.</b> Very large, finely formed flowers on long, stiff stems. The best clear bright yellow cactus.....	.25	<b>Mrs. Brandt.</b> Very large, yellow shading to salmon buff; splendid form.....	.50
<b>Thos. Wilson.</b> Amber shaded brownish terra-cotta .....	.25	<b>Mrs. Seal.</b> Deep maroon, tipped light rose	.30
<b>Tricolor.</b> Ground color yellow with blotch of red in center of petals; tipped white	.35	<b>Primrose Queen.</b> A splendid flower with long narrow incurved petals, clear primrose yellow .....	.50
<b>Uncle Tom.</b> Dark, maroon shaded black.	.15	<b>Regularity.</b> An exquisitely formed flower, with long narrow incurved petals; the color bronzy yellow at base, shading to rich red .....	.50
<b>White Swan.</b> A beautiful pure white cactus	.20	<b>Sherlock.</b> Bright orange cinnamon; an early, free and continuous bloomer on long stems; large; one of the best....	.50
<b>White Kriemhilde.</b> A white sport of Kriemhilde .....	.20	<b>Sweet Briar.</b> One of the loveliest shades of clear soft pink; very long narrow incurved petals .....	.50
<b>Wunderkind.</b> An exquisitely shaded variety that is most pleasing and effective; primrose, shaded yellow, overlaid salmon rose .....	.25		
<b>SUPERB CACTUS DAHLIAS</b>			
<b>A. D. Stoop.</b> Rich crimson with darker center, an excellent garden variety with good stems .....	.25	<b>COLLARETTE DAHLIAS</b>	
<b>Bosnia.</b> A most unique form, with cleft or stag-horn petals; rich orange.....	.50	This uniquely distinct class or type is rapidly gaining in popularity. The flowers are single with a row of smaller or collar petals around the center. These collar petals are generally distinct in color from the rest of the flower.	
<b>Butterfly.</b> Well named, large, well formed flowers; deep crimson, tipped white...	.25	<b>SUPERB COLLARETTE DAHLIAS</b>	
<b>Clara.</b> Soft mauve tipped yellow.....	.25		Each
<b>Crescent.</b> Bright coral red, shaded yellow; a fine exhibition flower.....	.25	<b>Arden.</b> Very rich and effective deep golden yellow blotched vivid orange crimson, collar pure yellow, strong plants ready May 1st .....	.50
<b>Colada.</b> A very fine garden variety, free and continuous bloomer; color bright carmine cerise .....	.25	<b>Crown Princess Charlotte.</b> Very large and distinct; bright chestnut red, with long, yellow collar .....	.40
<b>Claudius.</b> One of the very best; bright, bold crimson, of largest size, with long narrow petals .....	.35	<b>Princess Louise.</b> An exquisite new variety; large; carmine and white; collar white suffused carmine .....	1.00
<b>Dahlia mum.</b> Another new break in Dahlias, the large very full flower is borne on long slender wiry stems. Color is a rich creamy white, shading to primrose at the center and tinting to white at the tips. Plants.....	.50	<b>Radlyn.</b> Clear soft pink; collar pink with lighter marking. The plant is a vigorous grower, with long slender erect stems. Strong plants May 1st.....	1.00
<b>Debutante.</b> Soft pink, tinting to white, a fine exhibition variety .....	.25	<b>Regularity.</b> A most striking new variety; large and fine. Color scarlet and white, most effective for all purposes.....	1.00
<b>Dr. Kendall.</b> An excellent autumn shade variety, bright yellow, shaded rich orange; an improved Wm. Marshall...	.25	<b>BEST SINGLE DAHLIAS</b>	
<b>Electric.</b> This is one of the most charming varieties. The color is rich, clear canary yellow, each petal heavily tipped white; delicate and chaste. The flowers are large and finely formed with incurved petals .....	.50	<b>Praxitelles.</b> The color is a deep velvety violet maroon, each petal tipped white. The plants are dwarf branching and profuse bloomers; the colors distinct and striking. This is undoubtedly the richest and most effective of all fancy single Dahlias. Strong roots .....	.50
<b>Evening Star.</b> A fine "Autumn shade" variety; beautiful golden center, shading to bright terra-cotta.....	.25	<b>Rantendelein.</b> Another fancy single. Color pure white, each petal has a narrow margin of deep crimson on each side. A very profuse bloomer. Plant dwarf and branching. Height 3 feet. Strong roots .....	.50
<b>Excelsior.</b> A splendid garden and exhibition variety, color rich velvety maroon	.50		
<b>Fairy Queen.</b> Pure white, beautifully formed .....	.35		
<b>Lady Fair.</b> Primrose tinged soft pink; a large, full deep flower with long, incurved, finely cleft or stag-horn petals; very distinct. Plants.....	.50		

Each  
**St. George Improved.** A seedling of the St. George and similar in every way, but a larger, stronger plant with heavier foliage. Flowers clear canary yellow and twice the size of St. George, on longer stems ..... .30

**NEW AND RARE GIANT BALL DAHLIAS**

**Dreers Yellow.** An immense clear yellow, with full center and quilled petals. The best yellow ball dahlia. Strong plants.. .75  
**Gov. Guild.** Very large, pure white with long stiff stems; extra..... .50  
**Paul Bert.** Immense scarlet red flowers; very long stems..... .50  
**Rose.** An exquisite ball dahlia of full regular form and a bright lively carmine rose color; it is very distinct, large on long, stiff stems..... .50

**CENTURY DAHLIAS**

This is an entirely new race of single Dahlias. Owing to their immense size, long stems, and graceful carriage, combined with their purity of color, or the blending of colors, shades and tints, they entirely outclass the older and smaller types.

Each  
**Cream Century.** Delicately colored giant single Dahlia in existence; the immense flowers, pure white, spotted pink and penciled crimson, are produced in abundance on long stiff stems. Height 5 feet .20  
**Fringed 20th Century.** The first of a new race, with cleft or serated petals. A great improvement of 20th Century, much larger, brighter color, while the stems are long, slender and stiff. Color bright rosy crimson, with lighter markings ..... .20  
**Geisha Century.** This is an intensified Mrs. Wendell Reber. The inner half of the petal is a rich yellow, the outer half is an intensely rich scarlet—the Geisha colors—hence the name. The giant flowers are of perfect regular form, and borne on the long stiff stems. Invaluable for cutting, decorations, or the garden ..... .50  
**Josephine.** The acme of perfection in snow white. The plant is a very strong grower, with dark, heavy foliage which testifies to its health and vigorous constitution ..... 1.00  
**Mrs. Joseph Lucas.** A combination of shades. Rich yellow overlaid bronzy scarlet, lightened, suffused and edged salmon rose. The flowers are immense in size, splendid substance, lasting a week after cutting. As a cut flower it is unexcelled on account of size, form, keeping qualities, coloring, and stiff slender stems ..... .50  
**Mrs. Wendell Reber.** A blending of soft tints, suffused and tipped lightly soft scarlet. The flowers are of immense size, regular form with stiff stems 2½ to 3 feet long, making them invaluable for decoration. It is one of the strongest Century Dahlias growing—6 feet high—a giant in every way and such delicate coloring ..... .50

**NEW AND RARE POMPON DAHLIAS**

Each  
**Adrienne.** Crimson tipped scarlet..... .25  
**Adelaide.** Blush, edged lavender..... .25  
**Arthur West.** Rich crimson..... .25  
**Belle of Springfield.** Very small, soft red, sometimes tipped white..... .25  
**Bob.** Yellow, edged scarlet..... .25  
**Cheerfulness.** Old gold tipped crimson... .25  
**Clarissa.** Pale primrose..... .25  
**Daisy.** Pleasing shade of amber salmon.. .25  
**Glow.** Very fine, rich coral..... .25  
**Girlie.** Pinkish mauve..... .25  
**Helen Lambert.** Clear yellow..... .25  
**Little Frank.** Amber, shaded salmon..... .25  
**Little Prince.** Crimson, tipped white..... .25  
**Little Sweetheart.** Red, tipped white..... .25  
**Laddie.** Light crimson edged rose..... .25  
**Lassie.** Yellow, edged and tipped white.. .25  
**Lilian.** Primrose, edged pink..... .25  
**Madeline.** Primrose, edged rosy purple.. .25  
**Mars.** Very bright scarlet..... .25  
**Nerissa.** Soft rose pink..... .25  
**Neatness.** Salmon pink..... .25  
**Phoebe.** Deep orange..... .25  
**Rosebud.** Light ground, edged bright rose .25  
**San Toy.** White, heavily edged rosy carmine ..... .25  
**Seashell.** Soft shell pink..... .25  
**Violet.** Pure White..... .25

**Best Garden Books**

**Make your home beautiful.** Buy seeds that will bloom. Feed your plants correctly.  
You can have success by reading

**House Plants—Their Care and Culture**

By Hugh Findlay

Only a few can have greenhouses. But everyone can have flowers in the home. This book tells which plants will thrive best in the house, how to pot them, how to make them grow and flower. It is the result of many years' practical experience and deals with the culture of common house plants from seed time until the harvest of bloom. There are many hints and answers to questions that if followed out will not only ensure success but will also create a greater interest in the growing of more plants in both city and country homes. The author has been particularly careful to avoid technicalities and purely scientific terms, and has succeeded in producing a volume of unusual interest to home makers, and one that might well be used as an unfailing guide to teachers and students in schools and colleges.

It will be an inspiration to all who love plants and who grow them in their homes, for the author describes a long list of plants that can be grown in the home in a very clear and comprehensive manner, and tells, through text and excellent photographs, of methods by which the plants may be cared for that are simple enough for anyone to understand and to remember. Profusely illustrated, \$4.00 net.



**Have your own garden—raise vegetables, fruits and berries. The road to success may be found through**

## **Practical Gardening**

**By Hugh Findlay**

A timely, practical handbook for the amateur gardener, full of really helpful advice on how to dig, prepare the soil and plant the garden. There are also some very interesting chapters on intensive gardening and community gardens.

The "back-yard" gardener who follows Professor Findlay's instructions as to what seeds, plants and roots to purchase and how to plant, protect and cultivate them will be delighted to find how easily he has saved a nice sum of money for the family and at the same time has raised enough vegetables to last him through the summer and winter. With many illustrations, cloth, \$3.00 net.

## **Home Fruit Grower**

**By Prof. M. G. Kains**

A clear, simple, practical and comprehensive volume for the amateur who seeks to grow high quality fruits for home needs, whether to eat out of hand as dessert, or put up in some culinary way. Each fruit suitable to the home garden is discussed, in many cases with descriptions of a dozen, a score or even more varieties of conspicuous merit from the home plantation standpoint. Copiously illustrated. 212 pages. Paper cover \$1.00, by mail \$1.10; cloth \$1.50, by mail \$1.65.

## **Fruits and Vegetables Under Glass**

**By Wm. Turner**

A complete and exhaustive work and the only practical one ever published in America. Covers Grapes, Peaches and Nectarines, Apples, Apricots, Cherries, Pears, Plums, Figs, Melons, Strawberries, Pineapples, etc. Ten chapters are devoted to vegetables under glass. Printed on fine coated paper in clear type, containing 65 splendid halftone illustrations. Handsomely bound in cloth with embossed cover. 256 pages. Size  $7\frac{3}{4} \times 10\frac{1}{4}$  in. Price \$3.50; by mail \$3.65.

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**By Robt. Cridland**

You will be astonished at the thoroughness and simplicity of this book. It is entirely different from any landscape treatise previously written, because it fits into your wants, considers practicability equally with the laws of art and beauty, and covers every detail from A to Z. The many concrete examples to be found in the book will make it practical to approach the subject of beautifying the home ground surroundings in a definite and economical manner. 276 pages; 91 photographs, 67 sketches and 34 plans, 24 of which are planting plans. Cloth cover in four colors \$2.50, by mail \$2.65.

## **Garden Guide**

**The Amateur Gardener's Handbook**

Written by gardening experts expressly for the amateur and non-professional. Covers every step from plowing the ground to preserving the harvest. A guide to garden work for every month in the year. 336 pages, numerous teaching illustrations, planting plans and sketches; cover in four colors. Paper cover \$1.00, by mail \$1.10; cloth covers \$1.50, by mail \$1.65.

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Plan to enjoy flowers and plants all the year round. Bring your plants indoors to add beauty and cheerfulness to your home all winter long. Their care is simple and, with the aid of this book, success is assured. Written by an expert on house plants who has had over 25 years' experience. 180 pages; 100 illustrations "which tell the story;" four color cover. Paper cover 75c., by mail 85c.; cloth cover \$1.00, by mail \$1.10.

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In this book is given in full detail all the practical information necessary to the selection, grouping and successful cultivation of aquatic and other plants required in the making of a water garden and its environments, and covering all conditions, from that of the amateur with a few plants in tubs to the large estate or park. Beautifully printed on heavy enameled paper and profusely illustrated with one hundred and twenty halftones, seventeen diagrams and two double page plates. 200 pages. Size  $7\frac{1}{4} \times 10$  in. Price \$3.50; by mail \$3.65.

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Serves the need of the practical florist, the orchardist and nurseryman, the student, and all men interested in propagating plants either in the home garden or commercially. Includes an intelligent survey of the various modes of propagating all the commercial indoor and outdoor plants, trees, shrubs and herbaceous perennials. Excellent illustrations accompany and explain the text. 180 pages. Cloth cover \$1.75, by mail \$1.90.

## **For Wilk's Lawn Grass Seeds**

**See Inside Front Cover and Page 41**

ENGLISH	ITALIAN	SPANISH	ENGLISH	ITALIAN	SPANISH
Anise .....	Aniso, Anacio .....	Anis, Matalahuga...	Horse Radish .....	Rafano .....	Taramago .....
Artichoke .....	Articiocca .....	Alcachofa .....	Kale .....	Cavolo verde .....	Breton, Berza .....
Asparagus .....	Sparagio .....	Esparrago .....	Kohl Rabi .....	Cavolo rapa .....	Col rabano .....
Balm .....	Melissa .....	Toronjil, Citronella.	Lavender .....	Lavanda .....	Espiego .....
Basil .....	Basilico .....	Albaca .....	Leek .....	Porro .....	Puerro .....
Beans .....	Fagioli .....	Habichuela .....	Lettuce .....	Lattuga .....	Lechuga .....
Beet .....	Barbabetola .....	Remolacha .....	Marjoram .....	Maggiorana .....	Mejorana .....
Borage .....	Boragine .....	Borracha .....	Melon .....	Popone .....	Melon .....
Broccoli .....	Brocoli .....	Brocoli .....	Melon, Water .....	Melone d'acqua .....	Sandia .....
Brussels Sprouts .....	Cavolo di Brusselles.	Bretones de Bruselas	Mushroom .....	Fungo pratajolo .....	Seta .....
Cabbage .....	Cavolo cappuccio .....	Col repello .....	Nasturtium .....	Nasturzio .....	Capuchina .....
Cabbage, Savoy .....	Cavolo di Milano .....	Col de Milan .....	Okra .....	Ocra .....	Gombo .....
Caraway .....	Carvi .....	Comino .....	Onion .....	Cipollo .....	Cebolla .....
Carrot .....	Carota .....	Zanahoria .....	Parsley .....	Prezzemolo .....	Perejil .....
Cauliflower .....	Cavolfiore .....	Coliflor .....	Parsnip .....	Pastinaca .....	Chirivia .....
Celery .....	Sedano .....	Apio .....	Peas .....	Pisello .....	Guisante .....
Celery .....	Sedano-rapa .....	Apio-nabo .....	Pepper .....	Peperone .....	Pimiento .....
Chervil .....	Cerfoglio .....	Perifollo .....	Pumpkin .....	Zucca .....	Calabaza totanera .....
Chicory .....	Cicoria selvatica .....	Acicoria .....	Radish .....	Ravanello .....	Rabanito .....
Coriander .....	Coriandorlo .....	Culantro .....	Rhubarb .....	Rabarbaro .....	Ruibarbo .....
Corn Salad .....	Valeriana .....	Canonigos .....	Rosemary .....	Rosmarino .....	Romero .....
Corn .....	Mais .....	Maiz .....	Ruta Baga .....	Cavolo navone .....	Col nabo, Nabicol .....
Cress .....	Agretto .....	Mastuerzo .....	Saffron .....	Zafferano .....	Azafran .....
Cress, Water .....	Nasturzio aquatico .....	Berro .....	Sage .....	Salvia .....	Salvia .....
Cucumber .....	Cetriolo .....	Cohombro .....	Salsify .....	Sassefrica .....	Salsifi blanco .....
Dandelion .....	Dente di leone .....	Diente de leon .....	Sorrel .....	Acetosa .....	Acedera .....
Dill .....	Aneto .....	Eneldo .....	Summer Savory .....	Santoreggia .....	Ajedrea comun .....
Egg Plant .....	Petronciano .....	Berengena .....	Spinach .....	Spinace .....	Espinaca .....
Endive, Curled .....	Endivia .....	Endivia .....	Squash .....	Zucca .....	Calabaza .....
Endive .....	Broad Leaf .....	Scariola .....	Swiss Chard .....	Bieta .....	Bleda .....
Fennel .....	Finocchio .....	Hinojo .....	Thyme .....	Timo .....	Tomillo .....
Garlic .....	Aglio .....	Ajo .....	Tomato .....	Pomo d'oro .....	Tomate .....
Horehound .....	Marrubio .....	Marrubio .....	Turnip .....	Navone .....	Nabo .....
			Wormwood .....	Assenzio .....	Ajenjo .....

## KEY DUSTER GUN

When the World War affected the food supply of this Country, there was a great impetus given to the Home and Small Garden and it was very promptly noted that no adequate means in a convenient form was available for the easy handling of Insecticides and Fungicides. So, after 2 1-2 years of consistent work the **KEY DUSTER GUN** and Insecticide and Fungicide **CARTRIDGES** were born, which adequately supplies in a convenient form

### THE NEW QUICK AND EASY WAY OF USING INSECTICIDES AND FUNGICIDES IN THE CARTRIDGE

Killing many bugs; preventing certain Blights

## No Handling or Mixing of Chemicals and Without the use of Water.

The Gun automatically opens the Cartridge and applies the materials to the foliage.



Filling the long felt want for **HOME GARDEN, SMALL ORCHARD**

Simple and Complete Spraying Calendar packed with each Gun. Price of Gun complete \$ 5 00

Price of Cartridge **B. A.** for Vegetable and Small Fruit

**L. A. S.** for Fruit

**HELLEBORE** (for Fruit and Vegetable when nearly ripe)

15 cents each

15 "

20 "



JOHN WILK  
SEEDS, BULBS AND PLANTS  
155 WEST 33D STREET

Order No..... Date.....  
Ship to.....Supt.  
C-O.....P. O.....  
Shipping Point .....State.....  
Ship by Express.....Parcel Post.....Freight.....  
Charge to.....Mail Bill to.....

I, JOHN WILK, give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants I send out, and I will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.







Inoculated

ALFALFA

Uninoculated

Reproduced from photograph furnished by U. S. Department of  
Agriculture, Bureau of Plant Industry, Washington, D. C.

**Increase Your Crops**

and

**Improve Your Soil**

with the

**Mulford Cultures**  
FOR LEGUMES



For Sale By

JOHN WILK

155 W. 33rd. St., New York, N.Y.

**H. K. MULFORD Co.**

Manufacturing and Biological  
Chemists

Philadelphia, U. S. A.

Inoculate all your legume seeds with

## Mulford Cultures

FOR LEGUMES

The best, safest and most economical (quality considered) method of inoculation available.



## What They Are

Mulford Cultures contain pure, tested strains of active, nitrogen-fixing bacteria, grown on specially prepared media (a jelly-like mass), and are furnished in flint glass bottles with rubber stoppers.

List of Crops for which

## Mulford Cultures

FOR LEGUMES

are Supplied

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

ALFALFA  
CRIMSON CLOVER  
SWEET CLOVER  
WHITE CLOVER  
RED CLOVER  
ALSIKE CLOVER  
Mammoth Clover  
BURR CLOVER  
Yellow Clover  
Berseem Clover  
COW PEAS  
SOY BEANS  
Canada Field Peas

PEANUTS  
VETCH  
Horse Beans  
Velvet Beans  
Perennial Peas  
SWEET PEAS  
GARDEN PEAS  
GARDEN BEANS  
LIMA BEANS  
Lupins  
Sainfoin  
Beggar Weed  
Lespedeza

and other legumes.

Those printed in CAPITAL LETTERS can be shipped immediately from stock. The others will be prepared to order and can be supplied in a few days.

## Prices

5-Acre Size ("Dollar per Acre"), \$5.00  
1-Acre Size ..... 1.50  
1/4-Acre Size ..... .50  
Small Size (Supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) ..... .25

(These prices include delivery on freight shipments.)



## Guarantee

Each bottle of MULFORD CULTURE FOR LEGUMES is guaranteed to contain a pure, active, vigorous culture of nitrogen-fixing bacteria, of the proper strain for the legume indicated on the label, and in sufficient quantities to inoculate the required amount of seed or soil for the area specified on the label.

Do not expect the use of **Mulford Cultures** to take the place of careful soil preparation or proper attention to the crop. **Mulford Cultures** will give their best results when everything possible has been done, in every other way, to make the crop a success. Inoculation is not a miracle worker, but is simply an aid to Nature, furnishing the young plant at the very outset with a supply of the proper nitrogen-fixing bacteria.

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield and at the same time replace the nitrates and enrich and renovate your soil, by Nature's own method?

## Inoculate All Your Legumes with

# Mulford Cultures

## FOR LEGUMES

## SMALL COST

## LARGE RETURNS

## EASY TO USE

Full descriptive literature sent free upon request.

**H. K. MULFORD Co.**

## Manufacturing and Biological Chemists

Philadelphia, U. S. A.

# ORDER SHEET

Date.

Gentlemen: Please ship the following:

Mark Number of Packages Wanted in Proper Columns			MULFORD CULTURES for the following legume crops	PRICE
5-Acre	1-Acre	$\frac{1}{8}$ -Acre		
			<b>ALFALFA</b>	
			<b>CRIMSON CLOVER</b>	
			<b>SWEET CLOVER</b>	
			<b>WHITE CLOVER</b>	
			<b>RED CLOVER</b>	
			<b>ALSIKE CLOVER</b>	
			<b>BURR CLOVER</b>	
			<b>COW PEAS</b>	
			<b>SOY BEANS</b>	
			<b>VELVET BEANS</b>	
			<b>PEANUTS</b>	
			<b>VETCH</b>	
			<b>SWEET PEAS</b>	
			<b>GARDEN PEAS</b>	
			<b>GARDEN BEANS</b>	
			<b>LIMA BEANS</b>	

Name.

Town

P. O. Box or R. F. D. No. \_\_\_\_\_ State \_\_\_\_\_

If you have no account with us, avoid delay by sending remittance with order, or instructions to ship C. O. D.

30664—50m

## "Peas and Beans Filled Out Better"

My peas and beans inoculated with your MULFORD CULTURES came up quicker and grew faster and filled out better than those planted without being inoculated. This section has been very dry.

R. S. MOORE,  
Great Barrington, Mass.

## "At Least a Third More Peas" on Cow Peas

With reference to the MULFORD CULTURE for Cow Peas you sent some months ago, you are probably aware that this section of the country has suffered one of the most severe droughts in its history. We had practically no rain from April to July. The cow peas, however, stood the drought remarkably well, and I do not think I have ever seen before so literally load themselves with peas as the inoculated plot did. It put on at least a third more peas than the uninoculated plot. Both plots were treated in exactly the same way.

PROF. GEORGE W. CARVER, *Director*,  
Agricultural Experiment Station, Tuskegee, Ala.

The illustration shows how inoculation increased yield of Cow Peas. Drawing made from actual photograph.



## This "Strong" One Was Received

by Kilgore Seed Co., Plant City, Fla.

You may remember I ordered some Cow Peas recently and also a bottle of MULFORD CULTURE for inoculating same. Just as a test I planted half a row of this seed without inoculating, alongside the other rows of inoculated seed. After observing results, I am forced to say that anyone who will plant legumes here without MULFORD CULTURE is a star-spangled and cross-barred jackass. In fact, it is not too much to say that he is a blithering idiot and needs a guardian. Your next catalog ought to make this fact plainer.

JOHN G. HANNA,  
Auburndale, Fla.

## Best Cow Peas He Ever Grew

I am glad to report that I have gotten the very best results from your Cow Pea Inoculation (MULFORD CULTURE.) The Cow Peas on which I used it were, I think, the best I have ever grown.

W. P. SUMMERS,  
Lake City, Fla.



GARDEN BEANS  
With and without inoculation.

## "Decided Results with Beans"

Experiments in the inoculation of the soil with nitrogen-gathering bacteria were made possible by a generous donation of MULFORD CULTURES for various crops by the H. K. Mulford Company. Decided results were secured in some gardens with Beans; in one case the benefit to Alfalfa was marked.

From the Annual Report of the  
PHILADELPHIA SCHOOL GARDENS FOR 1914.

MULFORD  
FOR L

If properly used, and soil co

increase the developme  
of legumes, induce  
"catch," improv  
succeeding cro

"In Every W

The MULFORD CULTURE which y  
way successful. I hope to plant so  
month and will be very pleased to  
everything in my power to assist in

The Edgev



PEA  
Showing effect of inoculat

"No Sentiment—Just

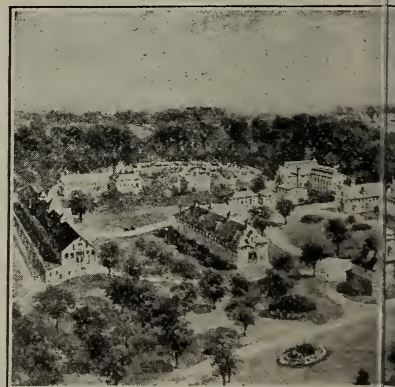
I would no more think of plant  
with MULFORD CULTURES than I wou  
losses from fire. There is no sentim  
just a case of business; of getting  
the acre instead of not more than 50

Doubled His Co

Last year, I used your MULFO  
merely as an experiment, and to m  
very beneficial, producing twice as m  
where it was not. On account of  
as good results as I would if the s

It proved equally as good on  
inoculate all the peanuts I sow.

HOME OF THE MUL



THE MULFORD BIOLOGICAL

Largest in the world, extending over an ar  
CULTURES FOR LEGUMES, Mul  
Bacterins and Vaccines



...ions being suitable, will  
...yield and food value  
...prompt growth or  
...ne soil and help  
...of any kind.

...uccessful"  
...rwarded to me proved in every  
...rimson Clover at the end of this  
...you my order and will also do  
...ales in my locality of your goods.  
K. McPHERSON,  
Farms Co., Kissimmee, Fla.



...th Mulford Culture.  
...Case of Business"  
...egumes without inoculating them  
...not insuring my building against  
...in this inoculation question, it is  
...op of from two to four tons to  
...ands to the acre.  
SAMUEL V. B. HASWELL,  
Delmar, N. Y.

...of Peanuts  
...ULTURE on 15 acres of peanuts,  
...tonishment, I found it to prove  
...peanuts per acre where used as  
...ry weather I do not think I got  
...had held out.  
...eld peas. This year I intend to

GEO. R. SPOONER,  
Sneads, Fla.

## MULFORD PRODUCTS



...LABORATORIES  
...more than 200 acres, where MULFORD  
...antitoxins, Serums, Tuberculin,  
...prepared and tested.

## Results "Very Good," Superior to Soil Inoculation

The results obtained from MULFORD CULTURES were very, very good. We used same on Alfalfa.

The material was used in comparison with soil inoculation. The first appearance showed very plainly. The plants were of a stronger green color.

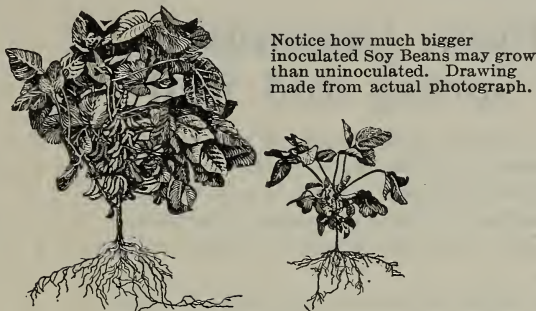
There is no question but that more of the material will be used here this spring.

PROF. CHAS. W. HENDRICKS, *Director of Agriculture,*  
Putnam School, Spring Valley, Minn.

## "Greater Growth" on Velvet Beans

I ship you today by freight one box containing two plants of Chinese Velvet Beans which were treated with MULFORD CULTURE on June 13th. Beans were already up; dry soil was mixed with the CULTURE as per directions and this was put on the land and cultivator run over it at once. Three rows on each side of plot were not treated. Those treated are of greater growth than untreated.

C. S. BUSHNELL,  
Arcadia, Fla.



## "Good Nodule Formation" on Soy Beans

I wish to state that I received the MULFORD CULTURES and I used the soy bean bottle. The seeds were treated and planted in rather sandy soil on which soy beans had never before been planted, and a good nodule formation was secured.

A. F. KIDDER,  
State College of Agriculture, Baton Rouge, La.

## "Pronounced Results" on Soy Beans, Alfalfa and Vetch

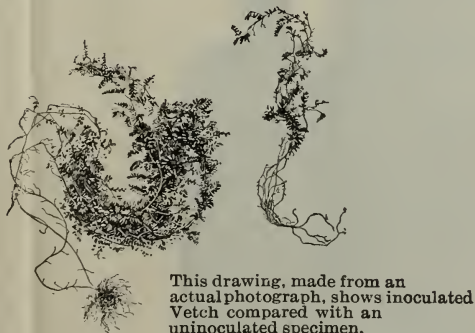
I used your MULFORD CULTURE for Soy Beans this year with pronounced results. Although planted with Corn, the Beans grew to a height of five feet and were well filled. I also used Alfalfa, Clover and Vetch cultures with equally good results, and to my mind the advisability of using cultures on all legume crops on new soils is beyond question.

MYRON H. BENT,  
Antwerp, N. Y.

## "Inoculated Rows Easily Distinguished," Writes Prof. W. F. Massey (From *The Southern Planter*, April, 1914.)

In reply to a query, I will say that I have tried . . . the cultures made by the H. K. Mulford Company, of Philadelphia, and have found them effective in the increase of the nitrogen-fixing bacteria, and hence greatly promoting the growth of the legume plants. My tests were made with the cultures for cow peas and crimson clover. The rows of peas where the MULFORD CULTURE was used last summer—the peas being in rows three feet apart for using the Keystone Pea Harvester—could be easily distinguished across the ten-acre area. The final result on the crimson clover is yet to be seen.

W. F. MASSEY.



## "Simply Wonderful"

With reference to the MULFORD CULTURES beg to report that I considered the inoculation good, indeed—simply wonderful—considering the late date of seeding, which was December 12th to 14th, and the continued cold, wet weather since that date. Of course, we all believe December 12th entirely too late to sow vetch seed to obtain good results. However, I have secured enough plants to insure a thorough inoculation of the soil and reseed the land. I tried a bottle of inoculation furnished by the Department for Crimson Clover. The clover seed was sown on November 7th and hardly a bunch of clover to be found.

E. J. HANCOCK,  
Greenville, Ala.





## Read What Users Say

### "Peas and Beans Filled Out Better"

My peas and beans inoculated with your MULFORD CULTURES came up quicker and grew faster and filled out better than those planted without being inoculated. This section has been very dry.

R. S. MOORE,  
Great Barrington, Mass.

### "At Least a Third More Peas" on Cow Peas

With reference to the MULFORD CULTURE for Cow Peas you sent some months ago, you are probably aware that this section of the country has suffered one of the most severe droughts in its history. We had practically no rain from April to July. The cow peas, however, stood the drought remarkably well, and I do not think I have ever seen before so literally load themselves with peas as the inoculated plot did. It put on at least a third more peas than the uninoculated plot. Both plots were treated in exactly the same way.

PROF. GEORGE W. CARVER, *Director*,  
Agricultural Experiment Station, Tuskegee, Ala.

The illustration shows how inoculation increased yield of Cow Peas. Drawing made from actual photograph.



### This "Strong" One Was Received by Kilgore Seed Co., Plant City, Fla.

You may remember I ordered some Cow Peas recently and also a bottle of MULFORD CULTURE for inoculating same. Just as a test I planted half a row of this seed without inoculating, alongside the other rows of inoculated seed. After observing results, I am forced to say that anyone who will plant legumes here without MULFORD CULTURE is a star-spangled and cross-barred jackass. In fact, it is not too much to say that he is a blithering idiot and needs a guardian. Your next catalog ought to make this fact plainer.

JOHN G. HANNA,  
Auburndale, Fla.

### Best Cow Peas He Ever Grew

I am glad to report that I have gotten the very best results from your Cow Pea Inoculation (MULFORD CULTURE.) The Cow Peas on which I used it were, I think, the best I have ever grown.

W. P. SUMMERS,  
Lake City, Fla.



GARDEN BEANS  
With and without inoculation.

### "Decided Results with Beans"

Experiments in the inoculation of the soil with nitrogen-gathering bacteria were made possible by a generous donation of MULFORD CULTURES for various crops by the H. K. Mulford Company. Decided results were secured in some gardens with Beans; in one case the benefit to Alfalfa was marked.

From the Annual Report of the  
PHILADELPHIA SCHOOL GARDENS FOR 1914.

# Mulford Cultures

FOR LEGUMES

If properly used, and soil conditions being suitable, will  
increase the development, yield and food value  
of legumes, induce a prompt growth or  
"catch," improve the soil and help  
succeeding crops of any kind.

### "In Every Way Successful"

The MULFORD CULTURE which you forwarded to me proved in every way successful. I hope to plant some Crimson Clover at the end of this month and will be very pleased to give you my order and will also do everything in my power to assist in the sales in my locality of your goods.

K. McPHERSON,  
The Edgewater Farms Co., Kissimmee, Fla.



PEANUTS  
Showing effect of inoculation with Mulford Culture.

### "No Sentiment—Just a Case of Business"

I would no more think of planting legumes without inoculating them with MULFORD CULTURES than I would of not insuring my building against losses from fire. There is no sentiment in this inoculation question, it is just a case of business; of getting a crop of from two to four tons to the acre instead of not more than 500 pounds to the acre.

SAMUEL V. B. HASWELL,  
Delmar, N. Y.

### Doubled His Crop of Peanuts

Last year, I used your MULFORD CULTURE on 15 acres of peanuts, merely as an experiment, and to my astonishment, I found it to prove very beneficial, producing twice as many peanuts per acre where used as where it was not. On account of the dry weather I do not think I got as good results as I would if the season had held out.

It proved equally as good on my field peas. This year I intend to inoculate all the peanuts I sow.

GEO. R. SPOONER,  
Sneads, Fla.

### HOME OF THE MULFORD PRODUCTS



### THE MULFORD BIOLOGICAL LABORATORIES

Largest in the world, extending over an area of more than 200 acres, where MULFORD CULTURES FOR LEGUMES, Mulford Antitoxins, Serums, Tuberculins, Bacterins and Vaccines are prepared and tested.

## Note These Results

### Results "Very Good," Superior to Soil Inoculation

The results obtained from MULFORD CULTURES were very, very good. We used same on Alfalfa.

The material was used in comparison with soil inoculation. The first appearance showed very plainly. The plants were of a stronger green color.

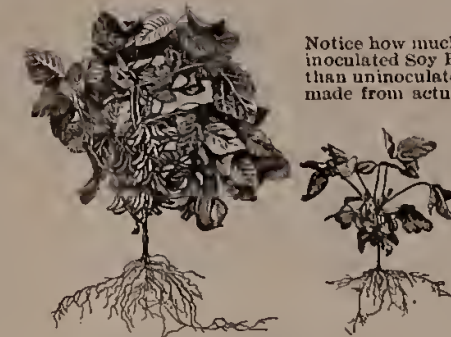
There is no question but that more of the material will be used here this spring.

PROF. CHAS. W. HENDRICKS, *Director of Agriculture*,  
Putnam School, Spring Valley, Minn.

### "Greater Growth" on Velvet Beans

I ship you today by freight one box containing two plants of Chinese Velvet Beans which were treated with MULFORD CULTURE on June 13th. Beans were already up; dry soil was mixed with the CULTURE as per directions and this was put on the land and cultivator run over it at once. Three rows on each side of plot were not treated. Those treated are of greater growth than untreated.

C. S. BUSHNELL,  
Arcadia, Fla.



Notice how much bigger inoculated Soy Beans may grow than uninoculated. Drawing made from actual photograph.

### "Good Nodule Formation" on Soy Beans

I wish to state that I received the MULFORD CULTURES and I used the soy bean bottle. The seeds were treated and planted in rather sandy soil on which soy beans had never before been planted, and a good nodule formation was secured.

A. F. KIDDER,  
State College of Agriculture, Baton Rouge, La.

### "Pronounced Results" on Soy Beans, Alfalfa and Vetch

I used your MULFORD CULTURE for Soy Beans this year with pronounced results. Although planted with Corn, the Beans grew to a height of five feet and were well filled. I also used Alfalfa, Clover and Vetch cultures with equally good results, and to my mind the advisability of using cultures on all legume crops on new soils is beyond question.

MYRON H. BENT,  
Antwerp, N. Y.

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W. F. MASSEY.



This drawing, made from an actual photograph, shows inoculated Vetch compared with an uninoculated specimen.

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E. J. HANCOCK,  
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9th ANNUAL

1921

# Catalogue

OF  
SEEDS, BULBS  
and PLANTS

Insecticides, Fertilizers  
and Garden Requisites

John Wilk

155 WEST 33rd STREET  
NEW YORK CITY